



# Rankings for Scientist

University, Subject,  
Country, Region, World

**Brazil**

**Top 10000 Scientists**

**AD Scientific Index 2023**

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# Brazil Top 10000 Scientists

## "AD Scientific Index 2023" World Scientist and University Rankings 2023

(Total 1.327.886 scientist, 217 country, 19.582 university)

The **AD Scientific Index (Alper-Doger Scientific Index)**, unlike other systems that provide evaluations of journals and universities, is a ranking and analysis system based on the scientific performance and the added value of the scientific productivity of individual scientists. Furthermore, it provides rankings of institutions based on the scientific characteristics of affiliated scientists.

This new index has been developed by [Prof. Dr. Murat ALPER](#) (MD) and [Associate Prof. Dr. Cihan DÖĞER](#) (MD) by using the total and last 5 years' values of the i10 index, h-index, and citation scores in Google Scholar. In addition, the ratio of the last 5 years' value to the total value of the abovementioned indexes is used. Using a total of nine parameters, the "AD Scientific Index" shows the ranking of an individual scientist by 11 subject (Agriculture & Forestry, Arts, Design and Architecture, Business & Management, Economics & Econometrics, Education, Engineering & Technology, History, Philosophy, Theology, Law / Law and Legal Studies, Medical and Health Sciences, Natural Sciences, Social Sciences and Others), 256 branch, 19,500 institution, 216 country, 10 region (Africa, Asia, Europe, North America, Oceania, Arab League, EECA, BRICS, Latin America and COMESA) and in the world. The "**AD Scientific Index**" is the first and only study that shows the total and the last five-year productivity coefficients of scientists based on the h-index and i10 index scores and citations in Google Scholar. Besides the indexing and ranking functions, AD Scientific Index sheds life on academic lives and offers the user the opportunity to perform an efficient academic analysis to scrutinize and detect faulty and unethical profiles, plagiarism, forgery, distortion, duplications, fabrication, slicing, salamization, unfair authorship, and several manifestations of academic mobbing. Such analyses also help reveal the medium and long-term results of several policies implemented by institutions, including those of the academic staff employment and retention policies, wage policies, academic incentives, and scientific working environments.

One of the major differences of the **AD Scientific Index** is the provision of the last five years' scores and the total scores of the h-index and the i10 index, and the total and last five years' number of citations. Other unique differences of the AD Scientific Index include rankings in all fields and subjects of scientific interest and the emphasis on the scientific productivity of the scientist. Productivity Rankings is a unique service offered only by "AD Scientific Index". This is a ranking system derived from the i10 index in order to show the productivity of the scientist in publishing scientific articles of value. Productivity Rankings is an instrument that lists productive scientists in a given area, discipline, university, and country and can guide the development of meaningful incentives and academic policies.

The world rankings, regional rankings, and university rankings of scientists in this table are developed based on the total i10 index. Thus, scientists and universities can obtain their

academic rankings and monitor developments in the ranking over time.

For global university rankings, ranking organizations use the following parameters including the quality of education, employment rates of graduates, the quality of faculties within an individual university, international collaborations, the number of graduates and staff awarded with Nobel Prizes and Fields Medals, the number of highly cited researchers selected by Clarivate Analytics, the total number of research papers, the number of articles published by Nature and Science journals, the number of articles indexed in Science Citation Index-Expanded (SCIE) and Social Science Citation Index (SSCI), and the number of research articles receiving a high number of citations. Each ranking organization develops a ranking methodology, which attributes different % weights to selected items out of such parameters. Experienced ranking organizations evaluate 2000 - 3000 universities for ranking.

**AD Scientific Index** performs rankings using a single parameter, which is the number of "Valued and Productive Scientists" staffed by a specific university. Selected after years of observation, this parameter is calculated using the total H-index and i10-index values together with the number of citations, and the last 5 years' total H-index and i10-index values along with the number of citations received over the last 5 years. We rank more than 19 500 universities using this method. A careful examination will reveal that most of the other parameters are representations of natural academic products of "Valued and Productive Scientists." Institutions that employ a high number of "Valued and Productive Scientists", for example, scientists in the first Top 2%, Top 10%, Top 20%, Top 40%, Top 60%, Top 80% and later ranks, respectively, will naturally produce increased numbers of academic outputs listed as the parameters above.

A comparison of "**AD Scientific Index**" scores of universities, some examples of which are given below, with the scores from other ranking institutions will show great agreement among scores. We use our methodology to rank universities of different characteristics and sizes from different countries and every continent, achieving very successful results through the yielded ranking figures. Considering the continuing processes of data entry and data cleaning for more than 19.500 universities, we foresee that data entry issues, such as not completed entries or human errors in data entry caused either by universities or our team mistakenly, will be resolved and will yield to improved accuracy of results over time.

You may sort the ranking from the highest score to the lowest or vice versa in any of these fields. You can observe the fields, which move the respective university to the forefront. Furthermore, the name of the academician with the highest total h-index in the respective university is displayed with the world ranking. Top University Ranking by "AD Scientific Index" will not only list the areas, where a university is the best or has room for improvement, but also reflect the outcomes of scientist policies of the institutions. This report reveals the competency of institutions to attract prized scientists and the ability of institutions to encourage advances and retain scientists.

The list of universities for ranking comparisons is presented below:

Through the contribution of many scientists from different fields, the "**AD Scientific Index**" undergoes systematic updates with the aim of continuous improvement. The index is an independent institution and does not receive any support from any institutions, organizations, countries, or funds. Concurrently with the continuous increase in the number of universities and

scientists registered to the Index, we are improving methodology, software, data accuracy, and data cleaning procedures every day through the contributions of a large team. Your remarks and contributions about our shortcomings will shed light to lead our efforts for continuous improvement.

For a more detailed explanation, please refer to our "[Methodology](#)".

AD Scientific Index Ltd.

## Methodology

Ranking academic journals according to the impact factor is a practice that started many years ago. The need to access scientifically valuable studies within limited time frames or the need to find scientists working in a certain field has led to the procedure of ranking scientists and scientific studies. For this purpose, many scoring systems such as the h-index, i10 index, g-index, m-index, the Erdős number, tori index, riq index, and read-10 index have been studied as numerical indicators showing how productive and effective a researcher is. Each of these systems has many advantages as well as disadvantages. Of the abovementioned indexes, the most accepted one is the h-index. The h-index is determined based on the number of articles cited at least h times. In order to achieve a high h-index, an academician must have a high number of articles published and have received a high number of citations. For example, an h-index value of 15 indicates that the academician has received at least 15 citations to each of the 15 articles published. In order to increase the h-index value from 15 to 16, the same academician should receive at least 16 citations to the published 16 papers. To find the h-index value, several databases can be used including Google Scholar, Web of Science, Scopus, and Publons, some of which are public or require a subscription. In the calculation of h-indexes, such databases use different parameters including SCI-E or indexed journals or non-indexed auxiliary elements such as other journals, books, or patents. Because the set of parameters used by each database are different from those used by others, each database may calculate different h-index values. Therefore, h-indexes calculated by each of the Google Scholar, Web of Science, Scopus, and Publons databases may be different for the same researcher. For example, a researcher, who has authored several books more than scientific papers, may receive a low h-index score in the Web of Science despite a high number of citations received. Neither of these indexes is equivalent to the other because of differences in their scopes.

Having a large number of publications indicates that the researcher is productive, but data alone may not be the actual indicator of the success of the researcher. For example, a researcher may have 10 publications that have received 400 citations. We can argue that this researcher is more successful than a researcher having more than a hundred published papers that received, let's say, 200 citations. Besides, some valuable studies may not have been attributed the actual value they deserved because of various reasons such as the failure of the use of adequate methods that would enable easy accessibility through scientific channels. The high number of the use of papers as references by other authors shows the value and extent of contribution to the scientific literature.

The i10-index is another academic scoring system, in which the scores are calculated by Google

Scholar. In this scoring system, only scientific studies such as articles and books that have received 10 or more citations are taken into consideration. The number of studies that have been cited ten or more times yields the i10-index value. The i10 index and the h-index values calculated for the last five years do not show that the article was written and published in the last 5 years. Instead, these values show the citation power in the last 5 years, indicating whether the paper is still effective.

Google Scholar provides both the total values of the i10-index, the h-index, and citation numbers along with the last 5 years' values through a system based on the voluntariness principle. In this system, scientists create their accounts, select their papers, and upload the selected papers onto the system. This service does not require a password and is free of charge. Here, we introduce a newly developed index that we have developed based on the public Google Scholar profiles of scientists. We named this new system the "AD Scientific Index", which we have developed through robust intellectual infrastructure and maximum efforts aiming to contribute to global scientific efforts.

### **Why is the "AD Scientific Index" needed?**

The "AD Scientific Index" is the first and only study that shows the total and the last five-year productivity coefficients of scientists based on h-index and i10 index scores and citations in Google Scholar. Furthermore, the index provides the ranking and assessment of scientists in academic subjects and branches and in 19,500 universities, 216 countries, regions, and the world. In other words, the "AD Scientific Index" provides both the ranking and analysis results. Besides the indexing and ranking functions, AD Scientific Index sheds life on academic lives and offers the user the opportunity to perform an efficient academic analysis to scrutinize and detect faulty and unethical profiles, plagiarism, forgery, distortion, duplications, fabrication, slicing, salamization, unfair authorship, and several manifestations of academic mobbing. Such analyses also help reveal the medium and long-term results of several policies implemented by institutions, including those of the academic staff employment and retention policies, wage policies, academic incentives, and scientific working environments.

### **"AD Scientific Index" (Alper-Doger Scientific Index):**

This new index has been developed by Prof. Dr. Murat ALPER (MD) and Associate Prof. Dr. Cihan DÖĞER (MD) by using the total and last 5 years' values of the i10 index, h-index, and citation scores in Google Scholar. In addition, the ratio of the last 5 years' value to the total value of the abovementioned indexes is used. Using a total of nine parameters, the "AD Scientific Index" shows the ranking of an individual scientist by 12 subjects ([Agriculture & Forestry](#), [Arts, Design and Architecture](#), [Business & Management](#), [Economics & Econometrics](#), [Education](#), [Engineering & Technology](#), [History, Philosophy, Theology](#), [Law / Law and Legal Studies](#), [Medical and Health Sciences](#), [Natural Sciences](#), [Social Sciences](#), and [Others](#)), 256 branches, 19,500 institutions of employment, 216 countries, 10 regions ([Africa](#), [Asia](#), [Europe](#), [North America](#), [Oceania](#), [Arab League](#), [EECA](#), [BRICS](#), [Latin America](#), and [COMESA](#)), and in the world. Thus, scientists can obtain their academic rankings and monitor developments in the ranking over time.

### **Data Collection and Standardization:**

Collecting data manually based on the ranking from Google Scholar, the profiles with up to 300



citations and verified addresses or the profiles that build confidence for their accuracy are listed primarily. Thus, it is aimed to standardize the names, institutions, and branches as much as possible. Non-standardized data including wide ranges of variations in the information and the use of abbreviations and a variety of languages have caused difficulties. Performing data mining and scrutinizing the acquired information, many profiles were excluded from the index. Furthermore, some of the profiles were excluded during the regular examination of the data onward. Data cleaning requires a regular process in place to be conducted meticulously. We welcome your contributions in data cleaning and ensuring accuracy.

Determining the subjects/departments, to which scientific fields would belong, may seem easy in some branches and in a variety of countries. However, it may create considerable confusion in some other countries, regions, and schools. We would like to emphasize that the following fields including Engineering, Natural and Environmental Sciences, Biology, and Biochemistry, Material Science, Chemistry, and Social Sciences may exist in quite variable spectrums in different countries. Therefore, we would like to stress that the standardization of subjects and branches has not been easy. To perform standardizations, we accepted the official names of the institutions and academic branches as accurate in the way that they were specified on the university website. We have developed this strategy in order to standardize this complex situation at least partially.

The number of universities in the countries and the number of academicians in universities are increasing gradually, free of charge, within our means. The current list of registered academicians includes 1.060.000 individuals. The frequent updates will be limited to red list and death reductions, to new profile registrations from our institution, and new individual and corporate registrations.

Although various additions, corrections, and improvements are made every day, it should be kindly considered that this process requires devoted efforts and time.

Importantly, one should remember that taking 300 citations as the lower limit for inclusion in the index brings up the potential of exclusion because of variations across different H-index values. We are going to spend our best efforts to respond to e-mails, which question the justification for not being included in the list despite high H-index values. Examples could be such that an academician with an H-index value of 1 with 300 citations may be included in the ranking, while another with an H-index value of 5 with 30 citations or an academic with an H-index of 10 with 120 citations may be excluded. Such issues require regular updates and it may take a considerably long time to update rankings because of the limits of the workload. We will be answering to such e-mails within our means with our best efforts while we continue to expand our workforce. It is possible to accelerate this period through individual and corporate registration options.

### **Studies that influence the order of ranking because of a high number of citations received, in a manner similar to CERN:**

We started a procedure to add an asterisk as “i” at the end of the names of the authors when a scientific paper of interest included many authors such as CERN, ATLAS, ALICE, CMS, Statistical Data, Guideline, Updates etc. scientific papers. We think that new criteria will be defined to be implemented for such studies. Until further criteria are described, we marked such studies with a “i” sign.

### **Profile information and ethical responsibility:**

The ethical responsibility for the correct profile information rests entirely with the relevant scientist. However, we think that it would be prudent for institutions, countries, and even branch associations to conduct periodic reviews of scientist profiles affiliated to the respective organization since misleading information may compromise the reputation of the organization or the country. Organizations should also review profiles to identify and report scientists, who are not affiliated with the respective institution. In order to avoid any compromise to the institutional reputation, institutions should take necessary corrective and preventive actions against published scientist profiles arranged unethically.

### **Data Cleaning and the Redlist**

Data cleaning is a dynamic process that we systemically perform continuously. Despite all our best efforts, we may not be completely accurate and we welcome your contributions to the redlist notifications. Rarely, some scientists are included in the redlist due to innocent mistakes with good intentions and no unethical behavior. Most errors result from inadequate periodic profile checks. However, the correction of such an error is easy through the submission of a correction request. In order to avoid such an undesirable situation to occur, scientists should regularly check their profiles and institutions should review the profiles of the staff systematically.

### **Ranking Criteria:**

Ranking of scientists by the university, country, region, and in the world was performed based on the "total h-index". The "total h-index" was used in rankings by the branch and the subbranch.

The ranking criteria based on the "total h-index" scores were used in the following order: Firstly, the "total h-index" scores; secondly, the total number of citations; and thirdly, the "total i10 index" scores (1. Total h-index scores, 2. Total number of citations, 3. Total i10 index scores, 4. Last 5 years' h-index scores).

Ranking based on the last 5 years' h-index scores was performed using criteria in the following order: 1. Last 5 years' h-index scores, 2. Number of citations in the last 5 years, 3. Last 5 years' i10 index scores, 4- Total h-index scores.

The ranking criteria for the total i10 index were used in the following order: 1. Total i10 index scores, 2. Total h-index scores, 3. Total number of citations, and 4. Last 5 years' i10 index scores.

Ranking based on the last 5 years' i10 index scores was performed using the criteria in the following order: 1. Last 5 years' i10 index scores, 2. Last 5 years' h-index scores, 3. Number of citations in the last 5 years and 4. Total i10 index scores.

Ranking based on the total number of citations was performed using the criteria in the following order: 1. Total number of citations, 2. Total h-index scores, 3. Total i10 index scores and 4. Number of citations in the last 5 years.

Ranking based on the total number of citations in the last 5 years was performed using the criteria in the following order: 1: Number of citations in the last 5 years, 2. Last 5 years' h-index scores, 3: Last 5 years' i10 index scores and 4. Total number of citations

## **Why are the last 5 years' ratios / total ratios important?**

The h-index, i10 index, and citation the last 5-year ratios/total ratios are major unique characteristics of the AD Scientific Index, showing both the development in the individual performance of the scientist and the reflections of the institutional policies of universities onto the overall scientific picture.

## **Productivity Rankings**

Productivity Rankings is a unique service offered only by "AD Scientific Index". This is a ranking system derived from the i10 index in order to show the productivity of the scientist in publishing scientific articles of value. Productivity Rankings is an instrument that lists productive scientists in a given area, discipline, university, and country and can guide the development of meaningful incentives and academic policies. The world rankings, regional rankings, and university rankings of scientists in this table are developed based on the total i10 index.

## **Academic collaboration**

Scientific fields of interest specified in the profiles of scientists are available for other scientists from different countries and institutions to enable academic collaboration.

## **Ranking Criteria for Top Universities:**

For global university rankings, ranking organizations use the following parameters including the quality of education, employment rates of graduates, the quality of faculties within an individual university, international collaborations, the number of graduates and staff awarded with Nobel Prizes and Fields Medals, the number of highly cited researchers selected by Clarivate Analytics, the total number of research papers, the number of articles published by Nature and Science journals, the number of articles indexed in Science Citation Index-Expanded (SCI-E) and Social Science Citation Index (SSCI), and the number of research articles receiving a high number of citations. Each ranking organization develops a ranking methodology, which attributes different % weights to selected items out of such parameters. Experienced ranking organizations evaluate 2000 - 3000 universities for ranking.

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A comparison of "AD Scientific Index" scores of universities, some examples of which are given below, with the scores from other ranking institutions will show great agreement among scores. We use our methodology to rank universities of different characteristics and sizes from different

countries and every continent, achieving very successful results through the yielded ranking figures. Considering the continuing processes of data entry and data cleaning for more than 19,300 universities, we foresee that data entry issues, such as not completed entries or human errors in data entry caused either by universities or our team mistakenly, will be resolved and will yield to improved accuracy of results over time.

You may sort the ranking from the highest score to the lowest or vice versa in any of these fields. You can observe the fields, which move the respective university to the forefront. Furthermore, the name of the academician with the highest total h-index in the respective university is displayed with the world ranking. Top University Ranking by “AD Scientific Index” will not only list the areas, where a university is the best or has room for improvement, but also reflect the outcomes of scientist policies of the institutions. This report reveals the competency of institutions to attract prized scientists and the ability of institutions to encourage advances and retain scientists.

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### **Ranking Criteria for Countries:**

As described in the university ranking section, it is not easy to obtain and standardize data from about 19,000 universities for the country ranking. Therefore, we based our ranking system on the number of meritorious scientists. Four criteria are used to rank the countries. The first one is the number of scientists in the top 2% list. The second and third criterion are the number of scientists in the Top 10%, Top 20%, Top 40%, Top 60%, Top 80%, and later ranks. The fourth one is the number of scientists listed in the AD Scientific Index. In the case of equalities after applying all these four criteria, the world rank of the meritorious scientist of that country is used.

### **World Top 100 Scientists 2022**

The ranking of “Top 100” scientists is based on total h-index scores. Top 100 scientists can be ranked globally or specific to the following regions including Africa, Asia, Europe, North America, Oceania, Arab League, EECA, BRICS and Latin America based on total h-index scores without any breakdown by subject areas. Top 100 rankings in the world, in a continent, or a region include standardized subjects areas of Agriculture & Forestry, Arts, Design and Architecture, Business & Management, Economics & Econometrics, Education, Engineering & Technology, History, Philosophy, Theology, Law/Law and Legal Studies, Medical and Health Sciences, Natural Sciences, and Social Sciences. **Subjects indicated as “others” will not be included in the ranking by regions and subjects.** Therefore, you may wish to specify your subject and branch and contribute in order to standardize your performance. Determining the subjects/departments, to which scientific fields would belong, may seem easy in some branches and in a variety of countries. However, it may create considerable confusion in some other countries, regions, and



schools. We would like to emphasize that the following fields including Engineering, Natural and Environmental Sciences, Biology, Biochemistry, Material Science, Biotechnology, Chemistry, and Social Sciences may exist in quite variable spectrums in different countries. Therefore, we would like to stress that the standardization of subjects and branches has not been easy. To perform standardizations, we accepted the official names of the institutions and academic branches as accurate in the way that they were specified on the university website. We have developed this strategy in order to standardize this complex situation at least partially. Furthermore, we started a procedure to add an asterisk as “i” at the end of the names of the authors when a scientific paper of interest included many authors such as CERN’s scientific papers.

### **Limitations of the “AD Scientific Index”: Missing or Inaccurate Profiles or Missing Institution Names**

This index is a comparative platform developed by ranking accessible and verified profiles. First and foremost, not being included in this index for various reasons does not indicate that the academician is not prized or it does not mean that only those academicians listed in the index are the prized ones. This needs to be carefully noted. A meritorious scientist may not have been included in this index because of not having a Google Scholar profile or our lack of access to that profile for various reasons. The unavailability of verified Google Scholar profiles of scientists, who work in well-known and respected academic institutions in respective countries, may prevent us from finding institutions and scientist profiles. Because updating the profiles in the system and collection of data from open sources require efforts and because the data have been collected for the first time, it is not possible for the index to be completely free of errors. Accurate and instant updating of profiles and institution names requires an endless workload that no institution can overcome only with available resources despite all endeavors.

A high h-index (WOS, Scopus, Publon, etc.) does not mean that a profile will be automatically created for the academician in Google Scholar. Indeed, Google Scholar profiles are created and made public by scientists themselves on a voluntary basis. An individual may not have created a profile for various reasons and, therefore, will not be listed in the "AD Scientific Index". Furthermore, a profile can be rejected or may not be listed at a particular time. It needs to be considered that, at the time of our search, a profile may not exist or may not be public, some profiles may be public only at particular times, the information in the profile may not be standard, there may be more than one profile belonging to the same person, the profiles may not be verified, the name of the institution can be missing, surnames or institution names can change, profile owners may have died, or known or unforeseen problems may happen. However, missing information is completed in the system regularly and the list is updated and corrected continuously. Profiles; whose owners have passed away, are removed from the system.

When we detect or be informed of unethical situations in profile information that go beyond the limits of goodwill, the person is excluded from the list. You can report problematic and misleading profiles on our “Rejection List” page. As individuals are responsible for the accuracy of their profiles, organizations, too, should include the need for reviewing academic staff profiles in the agenda.

Articles with thousands of authors such as CERN studies in the field of physics or scientific studies with more than one author in classification studies in medicine or statistical studies raise debates about the requirements for the amount of the article content belonging to one author. Because

such papers may cause inequality of opportunity, a separate grouping system may be needed in the future.

Pros and cons of "ranking" systems including Web of Science, Scopus, Google Scholar, and similar others are well known and the limits of use of such systems have long been recognized in the scientific community. Therefore, interpreting this study beyond these limits may lead to incorrect results. The "AD Scientific Index" needs to be evaluated considering all of the abovementioned potential limitations.

### **Comparisons of Ranking Systems**

In addition to ranking lists of scientists, consisting of many tables and charts of trends analyses to be delivered for the first time, this comprehensive system offers several data and analysis results that will importantly provide an added value to branches and institutions within the limits of inherent advantages and limitations. We would like to kindly emphasize that comparisons should not be performed between two branches, either of which having different potentials to produce scientific papers. For example, it is not correct to expect the same number of articles from completely different branches such as law, social sciences, music, physics, or biochemistry. Ranking comparisons should not overlook the inherent potentials of branches to produce publications. For this reason, we try to primarily involve observations within the same subject/department and recent productivity.

Through the contribution of many scientists from different fields, the "AD Scientific Index" undergoes systematic updates with the aim of continuous improvement. The index is an independent institution and does not receive any support from any institutions, organizations, countries, or funds. Concurrently with the continuous increase in the number of universities and scientists registered to the Index, we are improving methodology, software, data accuracy, and data cleaning procedures every day through the contributions of a large team. Your remarks and contributions about our shortcomings will shed light to lead our efforts for continuous improvement.

### **Could this work have been designed in another way?**

It is not possible to exactly measure the research capacity of a university or scientist by using a few parameters. Assessments should include many other types of data such as patents, research funds, incentives, published books, tutoring intensity, congress presentations, and graduate and doctoral teaching positions. As a frequently voiced criticism, we have been asked why the Web of Science h-index is not used. Since it is not possible to have access to the entire data covering all academic components such as the h-indexes of the Web of Science, Scopus, or Publons, etc., or the organizations, patents, awards, etc. Therefore, only available qualified data have been included.

### **The Concept of Predatory:**

A journal or an academic service cannot be considered predatory only because it is not free. The concept of predatory is used for describing any unethical action including those with factitious, spurious, exaggerated, or deceptive quality, performed in return for a fee. Any predatory activity is misleading and unfair. As an institution that does not receive any governmental, institutional,

or financial support and with the aim of maintaining the sustainability of our academic services and the preservation of editorial independence, we have reached the following figures of 1.085.000 academicians and 19,500 universities included in our database completely free of charge through the extensive efforts of a large team within the scope of expanding our data in terms of countries, branches, and universities. Our expansion continues at a certain pace. However, we charge a small service fee from those, who prefer to be included in the system faster, without compromising ethical principles.

**Methodology that increases transparency and visibility. "AD Scientific Index" not only provides ranking services but also lights the way against ethical noncompliance by presenting data available to the public, paving the way to sort out any ethical violations. Bearing a torch this way, we improve controllability, transparency, and accountability both on individual and corporate levels. With such efforts, individuals and institutions have been led to focus on academic profiles and tens of thousands of academicians revised and rearranged their profiles, removing incorrect data. Besides stressing the requirement that academicians should regularly review information in their profiles, we emphasize that institutions, too, should check the profiles of academic staff. You are always welcome to contribute by reporting incorrect data through the redlist link.**

#### **How will the new rankings be updated in the "AD Scientific Index"?**

Updates and new rankings will be available through the current list of profiles and the pool of academicians that would expand along with new subscriptions. Importantly, one should remember that taking 300 citations as the lower limit for inclusion in the index brings up the potential of exclusion because of variations across different H-index values. We are going to spend our best efforts to respond to e-mails, which question the justification for not being included in the list despite high H-index values. Examples could be such that an academician with an H-index value of 1 with 300 citations may be included in the ranking, while another with an H-index value of 5 with 30 citations or an academic with an H-index of 10 with 120 citations may be excluded. Such issues require regular updates and it may take a considerably long time to update rankings because of the limits of the workload. We will be answering to such e-mails within our means with our best efforts while we continue to expand our workforce. It is possible to accelerate this period through individual and corporate registration options.

#### **How can I be included in the "AD Scientific Index"?**

First of all, you must have a Google Scholar profile and this profile must be set to PUBLIC. If you do not have a Google Scholar profile, you can create a profile at <https://scholar.google.com/> and add your published scientific articles. It is the liability of the scientist to ensure the accuracy and the ethical aspects of the profile. Furthermore, it is recommended that institutions would check the profiles of respective employees. We would like to remind you that you should check your profile regularly and keep it updated. Published scientific papers added to your profile may cause ethical issues if they do not belong to you.

#### **Is there a specified lower limit for the h-index and i10 index scores or the number of citations to be included in "AD Scientific Index"?**

**For SUBMISSIONS,** no lower limits have been specified for the number of citations or the h-index or i10-index scores to be included in the "AD Scientific Index". We request a small contribution as a processing fee for the sustainability and independence of this system, which has been developed through the hard work of many people without receiving any institutional or financial support. Through the contribution of many scientists from different fields, the "AD Scientific Index" undergoes systematic updates with the aim of continuous improvement. The index is an independent institution and does not receive any support from any institutions, organizations, countries, or funds. Concurrently with the continuous increase in the number of universities and scientists registered to the Index, we are improving methodology, software, data accuracy, and data cleaning procedures every day through the contributions of a large team. Your remarks and contributions about our shortcomings will shed light to lead our efforts for continuous improvement.



**Table I. Number of scientists in Brazil top 10.000 according to Country**

| # | Country | Country Region Rank | Country World Rank | Scientists in Brazil Top 10.000 | Total University | Total Scientist |
|---|---------|---------------------|--------------------|---------------------------------|------------------|-----------------|
| 1 | Brazil  | 1                   | 18                 | 10000                           | 555              | 42553           |

**Table II. General Universities/Institutions in Brazil top 10.000**

| #  | University/Institutions                                | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 1  | Universidade de São Paulo USP                          | 1            | 1           | 106        | Brazil  | Public             | 1934    | 2424                            | 53                         | 799                         |                             | 6483                      |
| 2  | Universidade Estadual de Campinas UNICAMP              | 2            | 3           | 320        | Brazil  | Public             | 1962    | 652                             | 16                         | 197                         |                             | 1693                      |
| 3  | Universidade Federal de Minas Gerais UFMG              | 3            | 5           | 413        | Brazil  | Public             | 1927    | 415                             | 11                         | 125                         |                             | 1091                      |
| 4  | Universidade Federal do Rio Grande do Sul UFRGS        | 4            | 6           | 414        | Brazil  | Public             | 1934    | 374                             | 11                         | 116                         |                             | 964                       |
| 5  | Universidade Federal do Rio de Janeiro                 | 5            | 7           | 416        | Brazil  | Public             | 1920    | 382                             | 11                         | 99                          |                             | 1082                      |
| 6  | Fundação Oswaldo Cruz                                  | 6            | 8           | 485        | Brazil  | Private            | 1900    | 236                             | 9                          | 78                          |                             | 634                       |
| 7  | Universidade Estadual Paulista Júlio de Mesquita Filho | 7            | 10          | 564        | Brazil  | Public             | 1976    | 641                             | 7                          | 144                         |                             | 1968                      |
| 8  | Universidade do Estado do Rio de Janeiro UERJ          | 8            | 13          | 755        | Brazil  | Public             | 1930    | 85                              | 5                          | 27                          |                             | 280                       |
| 9  | Universidade Federal de São Paulo UNIFESP              | 9            | 15          | 811        | Brazil  | Public             | 1933    | 246                             | 4                          | 64                          |                             | 819                       |
| 10 | Empresa Brasileira de Pesquisa Agropecuária            | 10           | 16          | 818        | Brazil  | Public             | 1973    | 231                             | 4                          | 49                          |                             | 863                       |
| 11 | Universidade Federal do Ceará                          | 11           | 17          | 819        | Brazil  | Public             | 1954    | 160                             | 4                          | 48                          |                             | 515                       |
| 12 | Universidade Federal de Pelotas UFPEL                  | 12           | 18          | 868        | Brazil  | Public             | 1969    | 53                              | 4                          | 22                          |                             | 225                       |
| 13 | Universidade Federal de Santa Catarina UFSC            | 13           | 20          | 928        | Brazil  | Public             | 1960    | 217                             | 3                          | 64                          |                             | 754                       |
| 14 | Universidade Federal de Pernambuco                     | 14           | 21          | 1005       | Brazil  | Public             | 1946    | 108                             | 3                          | 16                          |                             | 431                       |

| #  | University/Institutions                                     | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 15 | Instituto Nacional de Pesquisas Espaciais                   | 15           | 24          | 1060       | Brazil  | Public             | 1961    | 39                              | 3                          | 9                           |                             | 214                       |
| 16 | Brazilian Center for Research in Physics (CBPF)             | 16           | 25          | 1070       | Brazil  | Private            | 1949    | 22                              | 3                          | 7                           |                             | 43                        |
| 17 | Universidade Federal de Goiás UFG                           | 17           | 26          | 1158       | Brazil  | Public             | 1960    | 88                              | 2                          | 17                          |                             | 353                       |
| 18 | Universidade Federal do ABC UFABC                           | 18           | 27          | 1199       | Brazil  | Public             | 2005    | 56                              | 2                          | 13                          |                             | 471                       |
| 19 | Pontificia Universidade Católica do Paraná PUCPR            | 19           | 30          | 1247       | Brazil  | Private            | 1960    | 34                              | 2                          | 9                           |                             | 173                       |
| 20 | Universidade Presbiteriana Mackenzie                        | 20           | 32          | 1305       | Brazil  | Private            | 1952    | 20                              | 2                          | 6                           |                             | 112                       |
| 21 | Universidade Estadual de Ponta Grossa UEPG                  | 21           | 33          | 1318       | Brazil  | Public             | 1970    | 27                              | 2                          | 5                           |                             | 144                       |
| 22 | Observatorio Nacional                                       | 22           | 36          | 1343       | Brazil  | Public             | 1827    | 15                              | 2                          | 4                           |                             | 34                        |
| 23 | Universidade Estácio de Sá                                  | 23           | 40          | 1371       | Brazil  | Private            | 1970    | 6                               | 2                          | 2                           |                             | 40                        |
| 24 | Universidade Federal de São Carlos                          | 24           | 43          | 1386       | Brazil  | Public             | 1968    | 179                             | 1                          | 45                          |                             | 763                       |
| 25 | Universidade Federal de Viçosa UFV                          | 25           | 44          | 1390       | Brazil  | Public             | 1922    | 126                             | 1                          | 41                          |                             | 310                       |
| 26 | Universidade Federal do Paraná                              | 26           | 45          | 1394       | Brazil  | Public             | 1912    | 159                             | 1                          | 32                          |                             | 560                       |
| 27 | Universidade Estadual de Maringá                            | 27           | 46          | 1395       | Brazil  | Public             | 1970    | 130                             | 1                          | 32                          |                             | 404                       |
| 28 | Universidade Federal da Bahia                               | 28           | 47          | 1409       | Brazil  | Public             | 1946    | 124                             | 1                          | 23                          |                             | 425                       |
| 29 | Pontificia Universidade Católica do Rio Grande do Sul PUCRS | 29           | 48          | 1418       | Brazil  | Private            | 1948    | 92                              | 1                          | 21                          |                             | 269                       |

| #  | University/Institutions                                    | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 30 | Fundação Getulio Vargas FGV                                | 30           | 52          | 1507       | Brazil  | Private            | 1944    | 22                              | 1                          | 13                          |                             | 48                        |
| 31 | Pontificia Universidade Católica do Rio de Janeiro PUC-RIO | 31           | 55          | 1511       | Brazil  | Private            | 1940    | 76                              | 1                          | 12                          |                             | 245                       |
| 32 | Instituto Nacional de Pesquisas da Amazonia                | 32           | 59          | 1544       | Brazil  | Private            | 1952    | 32                              | 1                          | 11                          |                             | 97                        |
| 33 | Hospital Israelita Albert Einstein                         | 33           | 60          | 1582       | Brazil  | Public             | 1955    | 35                              | 1                          | 9                           |                             | 195                       |
| 34 | Universidade Federal do Espírito Santo                     | 34           | 62          | 1601       | Brazil  | Public             | 1954    | 52                              | 1                          | 8                           |                             | 260                       |
| 35 | Universidade do Extremo Sul Catarinense UNESC              | 35           | 71          | 1714       | Brazil  | Public             | 1968    | 15                              | 1                          | 6                           |                             | 42                        |
| 36 | Universidade Cruzeiro do Sul                               | 36           | 73          | 1750       | Brazil  | Private            | 1973    | 16                              | 1                          | 5                           |                             | 55                        |
| 37 | Universidade Católica de Pelotas                           | 37           | 78          | 1852       | Brazil  | Private            | 1960    | 5                               | 1                          | 4                           |                             | 35                        |
| 38 | Universidade de Caxias do Sul                              | 38           | 84          | 1964       | Brazil  | Private            | 1967    | 15                              | 1                          | 2                           |                             | 96                        |
| 39 | Pontificia Universidade Católica do Minas Gerais PUC MINAS | 39           | 86          | 2098       | Brazil  | Private            | 1958    | 11                              | 1                          | 1                           |                             | 95                        |
| 40 | Universidade de Brasília UNB                               | 40           | 105         | 2246       | Brazil  | Public             | 1962    | 193                             | 0                          | 34                          |                             | 719                       |
| 41 | Universidade Federal de Santa Maria UFSM                   | 41           | 106         | 2247       | Brazil  | Public             | 1960    | 109                             | 0                          | 32                          |                             | 301                       |
| 42 | Universidade Estadual de Londrina                          | 42           | 108         | 2264       | Brazil  | Public             | 1970    | 108                             | 0                          | 19                          |                             | 311                       |
| 43 | Universidade Federal Fluminense                            | 43           | 109         | 2269       | Brazil  | Public             | 1960    | 127                             | 0                          | 18                          |                             | 501                       |
| 44 | Universidade Federal da Paraíba UFPB                       | 44           | 111         | 2280       | Brazil  | Public             | 1955    | 69                              | 0                          | 16                          |                             | 258                       |



| #  | University/Institutions                                 | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 45 | Universidade Federal do Rio Grande do Norte             | 45           | 113         | 2290       | Brazil  | Public             | 1958    | 68                              | 0                          | 15                          |                             | 287                       |
| 46 | Universidade Federal de Lavras UFLA                     | 46           | 114         | 2298       | Brazil  | Public             | 1908    | 75                              | 0                          | 14                          |                             | 219                       |
| 47 | Universidade Federal do Pará UFPA                       | 47           | 115         | 2314       | Brazil  | Public             | 1957    | 70                              | 0                          | 13                          |                             | 260                       |
| 48 | Universidade Federal do Rio Grande FURG                 | 48           | 116         | 2328       | Brazil  | Public             | 1969    | 45                              | 0                          | 12                          |                             | 222                       |
| 49 | Universidade Federal de Uberlândia                      | 49           | 118         | 2357       | Brazil  | Public             | 1969    | 78                              | 0                          | 10                          |                             | 412                       |
| 50 | Universidade Estadual do Norte Fluminense Darcy Ribeiro | 50           | 121         | 2399       | Brazil  | Public             | 1993    | 38                              | 0                          | 9                           |                             | 111                       |
| 51 | Pontificia Universidade Católica de São Paulo PUC-SP    | 51           | 124         | 2454       | Brazil  | Private            | 1946    | 28                              | 0                          | 8                           |                             | 176                       |
| 52 | Universidade do Vale do Rio dos Sinos UNISINOS          | 52           | 126         | 2478       | Brazil  | Private            | 1969    | 40                              | 0                          | 7                           |                             | 210                       |
| 53 | Universidade Federal de Sergipe UFS                     | 53           | 128         | 2480       | Brazil  | Public             | 1967    | 36                              | 0                          | 7                           |                             | 156                       |
| 54 | Universidade Nove de Julho                              | 54           | 129         | 2518       | Brazil  | Private            | 1972    | 18                              | 0                          | 7                           |                             | 53                        |
| 55 | Universidade Estadual do Ceará                          | 55           | 130         | 2527       | Brazil  | Public             | 1975    | 20                              | 0                          | 7                           |                             | 98                        |
| 56 | Universidade Federal Rural do Rio de Janeiro UFRRJ      | 56           | 131         | 2535       | Brazil  | Public             | 1792    | 24                              | 0                          | 7                           |                             | 161                       |
| 57 | Instituto D'Or Pesquisa e Ensino                        | 57           | 132         | 2539       | Brazil  | Private            | 2010    | 12                              | 0                          | 7                           |                             | 26                        |
| 58 | Universidade Federal de Campina Grande                  | 58           | 134         | 2547       | Brazil  | Public             | 2002    | 34                              | 0                          | 6                           |                             | 121                       |

| #  | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 59 | Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA | 59           | 136         | 2553       | Brazil  | Public             | 1953    | 28                              | 0                          | 6                           |                             | 114                       |
| 60 | Universidade Estadual de Feira de Santana UEFS                   | 60           | 138         | 2586       | Brazil  | Public             | 1976    | 19                              | 0                          | 6                           |                             | 81                        |
| 61 | Universidade Federal de Ouro Preto UFOP                          | 61           | 143         | 2665       | Brazil  | Public             | 1969    | 14                              | 0                          | 5                           |                             | 57                        |
| 62 | Instituto Nacional de Matematica Pura e Aplicada                 | 62           | 145         | 2686       | Brazil  | Public             | 1952    | 16                              | 0                          | 5                           |                             | 48                        |
| 63 | Universidade Federal de Juiz de Fora UFJF                        | 63           | 146         | 2712       | Brazil  | Public             | 1960    | 10                              | 0                          | 5                           |                             | 59                        |
| 64 | Universidade Guarulhos UNG                                       | 64           | 148         | 2718       | Brazil  | Private            | 1969    | 8                               | 0                          | 5                           |                             | 29                        |
| 65 | Universidade Federal de Alfenas UNIFAL-MG                        | 65           | 155         | 2745       | Brazil  | Public             | 1914    | 25                              | 0                          | 4                           |                             | 121                       |
| 66 | Universidade Federal de Alagoas                                  | 66           | 159         | 2778       | Brazil  | Public             | 1961    | 22                              | 0                          | 4                           |                             | 141                       |
| 67 | Laboratorio Nacional de Computacao Cientifica                    | 67           | 162         | 2808       | Brazil  | Private            | 1980    | 14                              | 0                          | 4                           |                             | 44                        |
| 68 | Universidade São Francisco                                       | 68           | 163         | 2832       | Brazil  | Private            | 1976    | 10                              | 0                          | 4                           |                             | 43                        |
| 69 | Instituto Agrônômico   | 69           | 165         | 2914       | Brazil  | Public             | 1887    | 22                              | 0                          | 3                           |                             | 73                        |
| 70 | Universidade Federal do Amazonas UFAM                            | 70           | 167         | 2923       | Brazil  | Public             | 1909    | 23                              | 0                          | 3                           |                             | 145                       |
| 71 | Faculdade de Medicina de São José do Rio Preto FAMERP            | 71           | 170         | 2969       | Brazil  | Public             | 1953    | 17                              | 0                          | 3                           |                             | 63                        |
| 72 | Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM   | 72           | 172         | 2987       | Brazil  | Public             | 1953    | 12                              | 0                          | 3                           |                             | 107                       |
| 73 | Universidade de Fortaleza UNIFOR                                 | 73           | 173         | 2996       | Brazil  | Private            | 1973    | 11                              | 0                          | 3                           |                             | 65                        |

| #  | University/Institutions                          | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 74 | Instituto Nacional de Cancer                     | 74           | 176         | 3047       | Brazil  | Private            | 1937    | 8                               | 0                          | 3                           |                             | 44                        |
| 75 | Universidade de Ribeirão Preto UNAERP            | 75           | 177         | 3056       | Brazil  | Private            | 1924    | 8                               | 0                          | 3                           |                             | 31                        |
| 76 | Universidade do Estado do Amazonas UEA           | 76           | 179         | 3080       | Brazil  | Public             | 2001    | 8                               | 0                          | 3                           |                             | 44                        |
| 77 | Instituto de Pesquisas Energeticas e Nucleares   | 77           | 184         | 3162       | Brazil  | Public             | 1997    | 21                              | 0                          | 2                           |                             | 123                       |
| 78 | Universidade Tecnológica Federal do Paraná UTFPR | 78           | 185         | 3163       | Brazil  | Public             | 1909    | 36                              | 0                          | 2                           |                             | 280                       |
| 79 | Instituto Tecnológico de Aeronáutica ITA         | 79           | 186         | 3183       | Brazil  | Public             | 1950    | 17                              | 0                          | 2                           |                             | 101                       |
| 80 | Universidade do Estado de Santa Catarina UDESC   | 80           | 188         | 3192       | Brazil  | Public             | 1965    | 18                              | 0                          | 2                           |                             | 124                       |
| 81 | Universidade Federal de Mato Grosso              | 81           | 189         | 3201       | Brazil  | Public             | 1970    | 17                              | 0                          | 2                           |                             | 119                       |
| 82 | Universidade de Franca UNIFRAN                   | 82           | 197         | 3246       | Brazil  | Public             | 1806    | 11                              | 0                          | 2                           |                             | 42                        |
| 83 | Universidade de Passo Fundo                      | 83           | 199         | 3286       | Brazil  | Private            | 1968    | 12                              | 0                          | 2                           |                             | 59                        |
| 84 | Universidade de Pernambuco                       | 84           | 203         | 3326       | Brazil  | Public             | 1990    | 7                               | 0                          | 2                           |                             | 128                       |
| 85 | Universidade do Sul de Santa Catarina UNISUL     | 85           | 205         | 3354       | Brazil  | Public             | 1964    | 9                               | 0                          | 2                           |                             | 50                        |
| 86 | Instituto de Ensino e Pesquisa INSPER            | 86           | 206         | 3361       | Brazil  | Private            | 1987    | 9                               | 0                          | 2                           |                             | 46                        |
| 87 | Faculdade de Odontologia São Leopoldo Mandic     | 87           | 208         | 3395       | Brazil  | Private            | 1972    | 9                               | 0                          | 2                           |                             | 38                        |
| 88 | Universidade Paulista UNIP                       | 88           | 211         | 3437       | Brazil  | Private            | 1988    | 8                               | 0                          | 2                           |                             | 57                        |
| 89 | Universidade Estadual de Montes Claros UNIMONTES | 89           | 212         | 3439       | Brazil  | Public             | 1962    | 8                               | 0                          | 2                           |                             | 47                        |
| 90 | Instituto Militar de Engenharia                  | 90           | 215         | 3469       | Brazil  | Public             | 1792    | 4                               | 0                          | 2                           |                             | 41                        |

| #   | University/Institutions                                  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 91  | Universidade Cidade de São Paulo UNICID                  | 91           | 217         | 3490       | Brazil  | Public             | 1972    | 6                               | 0                          | 2                           |                             | 31                        |
| 92  | Universidade Ceuma                                       | 92           | 223         | 3602       | Brazil  | Private            | 1990    | 4                               | 0                          | 2                           |                             | 26                        |
| 93  | Faculdade de Medicina de Jundiaí                         | 93           | 224         | 3604       | Brazil  | Public             | 1968    | 4                               | 0                          | 2                           |                             | 25                        |
| 94  | Universidade Federal de Mato Grosso do Sul               | 94           | 227         | 3655       | Brazil  | Public             | 1979    | 45                              | 0                          | 1                           |                             | 186                       |
| 95  | Universidade Federal Rural de Pernambuco UFRPE           | 95           | 228         | 3660       | Brazil  | Public             | 1912    | 23                              | 0                          | 1                           |                             | 180                       |
| 96  | Universidade Estadual do Oeste do Paraná UNIOESTE        | 96           | 230         | 3670       | Brazil  | Public             | 1994    | 18                              | 0                          | 1                           |                             | 140                       |
| 97  | Universidade Federal do Pampa UNIPAMPA                   | 97           | 231         | 3673       | Brazil  | Public             | 2006    | 22                              | 0                          | 1                           |                             | 126                       |
| 98  | Universidade Federal do Maranhão                         | 98           | 232         | 3679       | Brazil  | Public             | 1966    | 20                              | 0                          | 1                           |                             | 111                       |
| 99  | Universidade Federal de São João del Rei UFSJ            | 99           | 234         | 3697       | Brazil  | Public             | 1987    | 18                              | 0                          | 1                           |                             | 139                       |
| 100 | Universidade Federal do Piauí                            | 100          | 235         | 3698       | Brazil  | Public             | 1971    | 20                              | 0                          | 1                           |                             | 142                       |
| 101 | Instituto de Pesquisa Econômica Aplicada                 | 101          | 237         | 3721       | Brazil  | Private            | 1964    | 15                              | 0                          | 1                           |                             | 86                        |
| 102 | Universidade Federal de Itajubá UNIFEI                   | 102          | 239         | 3731       | Brazil  | Public             | 1913    | 14                              | 0                          | 1                           |                             | 159                       |
| 103 | Universidade Estadual de Santa Cruz UESC                 | 103          | 242         | 3765       | Brazil  | Public             | 1972    | 18                              | 0                          | 1                           |                             | 79                        |
| 104 | Universidade de Sorocaba                                 | 104          | 244         | 3785       | Brazil  | Private            | 1994    | 9                               | 0                          | 1                           |                             | 33                        |
| 105 | Instituto de Pesquisas Jardim Botânico do Rio de Janeiro | 105          | 245         | 3786       | Brazil  | Private            | 2016    | 9                               | 0                          | 1                           |                             | 35                        |
| 106 | Laboratorio Nacional de Luz Sincrotron                   | 106          | 247         | 3831       | Brazil  | Public             | 1997    | 8                               | 0                          | 1                           |                             | 40                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 107 | Universidade Federal da Fronteira Sul UFFS                                | 107          | 249         | 3858       | Brazil  | Public             | 2009    | 9                               | 0                          | 1                           |                             | 90                        |
| 108 | Instituto Federal Goiano  | 108          | 251         | 3864       | Brazil  | Public             | 2008    | 11                              | 0                          | 1                           |                             | 57                        |
| 109 | Pontificia Universidade Católica do Campinas PUC-CAMPINAS                 | 109          | 252         | 3879       | Brazil  | Private            | 1941    | 9                               | 0                          | 1                           |                             | 54                        |
| 110 | Universidade Vila Velha UVV   | 110          | 255         | 3891       | Brazil  | Private            | 1976    | 11                              | 0                          | 1                           |                             | 35                        |
| 111 | Universidade Luterana do Brasil ULBRA                                     | 111          | 256         | 3892       | Brazil  | Private            | 1972    | 7                               | 0                          | 1                           |                             | 51                        |
| 112 | Instituto Tecnológico Vale  | 112          | 257         | 3935       | Brazil  | Private            | 2010    | 6                               | 0                          | 1                           |                             | 31                        |
| 113 | Universidade Estadual da Paraíba UEPB                                     | 113          | 258         | 3950       | Brazil  | Public             | 1966    | 8                               | 0                          | 1                           |                             | 52                        |
| 114 | Universidade Federal do Norte do Tocantins                                | 114          | 261         | 3954       | Brazil  | Public             | 1984    | 6                               | 0                          | 1                           |                             | 231                       |
| 115 | Universidade Federal do Estado do Rio de Janeiro UNIRIO                   | 115          | 263         | 3960       | Brazil  | Public             | 1969    | 9                               | 0                          | 1                           |                             | 69                        |
| 116 | Universidade do Vale do Paraíba UNIVAP                                    | 116          | 265         | 3971       | Brazil  | Private            | 1954    | 10                              | 0                          | 1                           |                             | 41                        |
| 117 | Universidade Federal do Vale do São Francisco UNIVASF                     | 117          | 266         | 3975       | Brazil  | Public             | 2002    | 6                               | 0                          | 1                           |                             | 46                        |
| 118 | Universidade do Estado de Mato Grosso UNEMAT                              | 118          | 267         | 3976       | Brazil  | Public             | 1993    | 7                               | 0                          | 1                           |                             | 92                        |
| 119 | Museu Paraense Emílio Goeldi  | 119          | 268         | 3979       | Brazil  | Public             | 1866    | 8                               | 0                          | 1                           |                             | 28                        |
| 120 | Universidade Regional do Noroeste do Estado do Rio Grande do Sul UNIQUARA | 120          | 269         | 3985       | Brazil  | Public             | 1957    | 4                               | 0                          | 1                           |                             | 47                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 121 | Instituto Federal de Educação Ciência e Tecnologia do Ceará               | 121          | 272         | 3992       | Brazil  | Public             | 2008    | 5                               | 0                          | 1                           |                             | 94                        |
| 122 | Faculdades La Salle UNILASALLE  | 122          | 277         | 4046       | Brazil  | Private            | 1972    | 5                               | 0                          | 1                           |                             | 35                        |
| 123 | Escola Bahiana de Medicina e Saúde Publica                                | 123          | 281         | 4093       | Brazil  | Private            | 1952    | 9                               | 0                          | 1                           |                             | 45                        |
| 124 | Universidade Anhembi Morumbi  | 124          | 292         | 4197       | Brazil  | Private            | 1972    | 3                               | 0                          | 1                           |                             | 31                        |
| 125 | Universidade Católica de Santos UNISANTOS                                 | 125          | 293         | 4207       | Brazil  | Private            | 1986    | 3                               | 0                          | 1                           |                             | 37                        |
| 126 | Universidade do Mogi Das Cruzes UMC                                       | 126          | 295         | 4228       | Brazil  | Private            | 1962    | 3                               | 0                          | 1                           |                             | 38                        |
| 127 | Universidade do Vale do Itajaí UNIVALI                                    | 127          | 301         | 4270       | Brazil  | Private            | 1964    | 4                               | 0                          | 1                           |                             | 76                        |
| 128 | Universidade Federal de Rondônia  | 128          | 303         | 4284       | Brazil  | Public             | 1982    | 4                               | 0                          | 1                           |                             | 65                        |
| 129 | Universidade Católica de Brasília   | 129          | 307         | 4308       | Brazil  | Private            | 1974    | 3                               | 0                          | 1                           |                             | 46                        |
| 130 | Instituto Federal de Educação Ciência e Tecnologia do Rio de Janeiro IFRJ | 130          | 310         | 4320       | Brazil  | Public             | 1947    | 3                               | 0                          | 1                           |                             | 30                        |
| 131 | Pontificia Universidade Católica de Goiás PUC Goiás                       | 131          | 311         | 4327       | Brazil  | Private            | 1959    | 2                               | 0                          | 1                           |                             | 46                        |
| 132 | Universidade Franciscana  | 132          | 312         | 4330       | Brazil  | Private            | 2018    | 5                               | 0                          | 1                           |                             | 44                        |
| 133 | Universidade Regional do Cariri URCA                                      | 133          | 313         | 4356       | Brazil  | Public             | 1986    | 4                               | 0                          | 1                           |                             | 32                        |
| 134 | Universidade do Grande Rio UNIGRANRIO                                     | 134          | 320         | 4430       | Brazil  | Public             | 1970    | 2                               | 0                          | 1                           |                             | 37                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 135 | Universidade de Taubaté UNITAU  | 135          | 321         | 4434       | Brazil  | Public             | 1974    | 3                               | 0                          | 1                           |                             | 40                        |
| 136 | Universidade Católica de Pernambuco                                     | 136          | 325         | 4525       | Brazil  | Private            | 1951    | 2                               | 0                          | 1                           |                             | 39                        |
| 137 | Universidade Federal do Amapá UNIFAP                                    | 137          | 333         | 4618       | Brazil  | Public             | 1990    | 3                               | 0                          | 1                           |                             | 42                        |
| 138 | Evandro Chagas Institute  | 138          | 335         | 4647       | Brazil  | Public             | 1938    | 2                               | 0                          | 1                           |                             | 26                        |
| 139 | Centro Federal de Educação Tecnológica Celso Suckow do Fonseca CEFET/RJ | 139          | 338         | 4668       | Brazil  | Public             | 1917    | 1                               | 0                          | 1                           |                             | 40                        |
| 140 | Universidade Federal do Acre UFAC                                       | 140          | 339         | 4669       | Brazil  | Public             | 1964    | 1                               | 0                          | 1                           |                             | 40                        |
| 141 | Instituto Federal de Educação Ciência e Tecnologia do Espírito Santo    | 141          | 341         | 4675       | Brazil  | Public             | 2008    | 1                               | 0                          | 1                           |                             | 47                        |
| 142 | Universidade Santa Cecília UNISANTA                                     | 142          | 344         | 4686       | Brazil  | Public             | 1961    | 1                               | 0                          | 1                           |                             | 38                        |
| 143 | Universidade Tiradentes UNIT  | 143          | 350         | 4748       | Brazil  | Private            | 1962    | 2                               | 0                          | 1                           |                             | 24                        |
| 144 | Centro Universitário de João Pessoa                                     | 144          | 355         | 4863       | Brazil  | Private            | 1971    | 1                               | 0                          | 1                           |                             | 19                        |
| 145 | Universidade Estadual do Piauí UESPI                                    | 145          | 358         | 4883       | Brazil  | Public             | 1984    | 1                               | 0                          | 1                           |                             | 12                        |
| 146 | Universidade Católica de Petrópolis                                     | 146          | 359         | 4890       | Brazil  | Private            | 1953    | 1                               | 0                          | 1                           |                             | 22                        |
| 147 | Faculdades Pequeno Príncipe   | 147          | 361         | 4900       | Brazil  | Private            | 2003    | 1                               | 0                          | 1                           |                             | 16                        |
| 148 | Instituto Dante Pazzanese de Cardiologia                                | 148          | 366         | 4997       | Brazil  | Public             | 1958    | 1                               | 0                          | 1                           |                             | 4                         |
| 149 | Embrapa Genetic Resources and Biotechnology                             | 149          | 371         | 5031       | Brazil  | Private            | 1974    | 1                               | 0                          | 1                           |                             | 1                         |

| #   | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 150 | Instituto Metodista Bennett  | 150          | 372         | 5034       | Brazil  | Private            | 1888    | 1                               | 0                          | 1                           |                             | 1                         |
| 151 | Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas | 151          | 374         | 5049       | Brazil  | Private            | 1952    | 40                              | 0                          | 0                           |                             | 242                       |
| 152 | Universidade Federal da Grande Dourados UFGD                                     | 152          | 376         | 5066       | Brazil  | Public             | 2005    | 12                              | 0                          | 0                           |                             | 115                       |
| 153 | Universidade Federal do Triangulo Mineiro UFTM                                   | 153          | 377         | 5068       | Brazil  | Public             | 1954    | 14                              | 0                          | 0                           |                             | 94                        |
| 154 | Universidade Estadual do Sudoeste da Bahia                                       | 154          | 381         | 5102       | Brazil  | Public             | 1980    | 7                               | 0                          | 0                           |                             | 81                        |
| 155 | Universidade Estadual do Centro Oeste UNICENTRO                                  | 155          | 385         | 5124       | Brazil  | Public             | 1990    | 11                              | 0                          | 0                           |                             | 74                        |
| 156 | Universidade Federal Rural do Semi-Árido UFRSA                                   | 156          | 386         | 5125       | Brazil  | Public             | 2005    | 12                              | 0                          | 0                           |                             | 65                        |
| 157 | Universidade Estadual de Mato Grosso do Sul                                      | 157          | 387         | 5133       | Brazil  | Public             | 1993    | 8                               | 0                          | 0                           |                             | 47                        |
| 158 | Fundação e Faculdade de Medicina do ABC  | 158          | 388         | 5145       | Brazil  | Public             | 1969    | 6                               | 0                          | 0                           |                             | 31                        |
| 159 | Universidade Regional de Blumenau FURB   | 159          | 392         | 5168       | Brazil  | Public             | 1964    | 8                               | 0                          | 0                           |                             | 69                        |
| 160 | Universidade Federal do Piau   | 160          | 396         | 5194       | Brazil  | Public             | 1968    | 4                               | 0                          | 0                           |                             | 106                       |
| 161 | Centro de Desenvolvimento da Tecnologia Nuclear                                  | 161          | 403         | 5280       | Brazil  | Public             | 1982    | 7                               | 0                          | 0                           |                             | 50                        |
| 162 | Universidade Positivo  | 162          | 404         | 5283       | Brazil  | Private            | 1988    | 4                               | 0                          | 0                           |                             | 29                        |
| 163 | Universidade FEEVALE   | 163          | 407         | 5310       | Brazil  | Private            | 1969    | 4                               | 0                          | 0                           |                             | 55                        |
| 164 | Universidade Federal de Integração Luso Afro Brasileira UNILAB                   | 164          | 408         | 5314       | Brazil  | Public             | 2010    | 4                               | 0                          | 0                           |                             | 45                        |



| #   | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 165 | Universidade Federal Rural da Amazônia                               | 165          | 412         | 5334       | Brazil  | Public             | 1945    | 4                               | 0                          | 0                           |                             | 35                        |
| 166 | Instituto Federal de Educação Ciência e Tecnologia de São Paulo IFSP | 166          | 430         | 5554       | Brazil  | Public             | 2008    | 3                               | 0                          | 0                           |                             | 45                        |
| 167 | Universidade Municipal de São Caetano do Sul USCS                    | 167          | 435         | 5599       | Brazil  | Public             | 1968    | 2                               | 0                          | 0                           |                             | 25                        |
| 168 | Universidade Metodista de São Paulo                                  | 168          | 438         | 5643       | Brazil  | Private            | 1970    | 2                               | 0                          | 0                           |                             | 37                        |
| 169 | FUCAPE Business School   | 169          | 441         | 5728       | Brazil  | Public             | 2000    | 3                               | 0                          | 0                           |                             | 28                        |
| 170 | Escola Nacional de Ciências Estatísticas                             | 170          | 442         | 5739       | Brazil  | Public             | 1953    | 2                               | 0                          | 0                           |                             | 17                        |
| 171 | Centro Universitário de Anapolis UNIEVANGÉLICA                       | 171          | 445         | 5775       | Brazil  | Private            | 1947    | 2                               | 0                          | 0                           |                             | 20                        |
| 172 | Instituto Mauá de Tecnologia   | 172          | 451         | 5847       | Brazil  | Private            | 1961    | 2                               | 0                          | 0                           |                             | 35                        |
| 173 | Centro Universitário da Fundação Educacional Inaciana                | 173          | 454         | 5882       | Brazil  | Private            | 1941    | 4                               | 0                          | 0                           |                             | 54                        |
| 174 | Universidade do Oeste Paulista UNOESTE                               | 174          | 456         | 5884       | Brazil  | Private            | 1972    | 5                               | 0                          | 0                           |                             | 55                        |
| 175 | Faculdade de Ciências Médicas da Santa Casa de São Paulo FCMSCSP     | 175          | 457         | 5885       | Brazil  | Private            | 1963    | 3                               | 0                          | 0                           |                             | 55                        |
| 176 | Universidade Federal da Integração Latino-Americana                  | 176          | 459         | 5900       | Brazil  | Public             | 2010    | 2                               | 0                          | 0                           |                             | 65                        |
| 177 | Universidade Federal do Recôncavo da Bahia UFRB                      | 177          | 462         | 5907       | Brazil  | Public             | 2005    | 3                               | 0                          | 0                           |                             | 74                        |
| 178 | Universidade Federal do Oeste do Para                                | 178          | 463         | 5914       | Brazil  | Public             | 1970    | 3                               | 0                          | 0                           |                             | 33                        |

| #   | University/Institutions                                       | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 179 | Centro Universitário UNIVATES                                 | 179          | 464         | 5921       | Brazil  | Private            | 1969    | 2                               | 0                          | 0                           |                             | 45                        |
| 180 | Universidade Metodista de Piracicaba                          | 180          | 465         | 5925       | Brazil  | Private            | 1964    | 5                               | 0                          | 0                           |                             | 31                        |
| 181 | Universidade de Santo Amaro UNISA                             | 181          | 473         | 5978       | Brazil  | Private            | 1968    | 3                               | 0                          | 0                           |                             | 26                        |
| 182 | Universidade da Região de Joinville - Univille                | 182          | 476         | 6012       | Brazil  | Private            | 1967    | 2                               | 0                          | 0                           |                             | 42                        |
| 183 | Universidade Estadual do Norte do Paraná UENP                 | 183          | 478         | 6016       | Brazil  | Public             | 2006    | 1                               | 0                          | 0                           |                             | 41                        |
| 184 | Universidade Veiga de Almeida                                 | 184          | 479         | 6040       | Brazil  | Private            | 1971    | 3                               | 0                          | 0                           |                             | 37                        |
| 185 | Universidade Brasil   | 185          | 480         | 6046       | Brazil  | Public             | 1989    | 3                               | 0                          | 0                           |                             | 30                        |
| 186 | Faculdade Meridional  | 186          | 483         | 6060       | Brazil  | Private            | 2001    | 2                               | 0                          | 0                           |                             | 42                        |
| 187 | Universidade Estadual do Rio Grande do Sul UERGS              | 187          | 486         | 6076       | Brazil  | Public             | 2001    | 2                               | 0                          | 0                           |                             | 48                        |
| 188 | Universidade Federal do Cariri                                | 188          | 487         | 6086       | Brazil  | Public             | 2013    | 1                               | 0                          | 0                           |                             | 40                        |
| 189 | Universidade do Estado da Bahia UNEB                          | 189          | 491         | 6124       | Brazil  | Public             | 1983    | 2                               | 0                          | 0                           |                             | 35                        |
| 190 | Universidade Salvador UNIFACS                                 | 190          | 493         | 6140       | Brazil  | Private            | 1997    | 2                               | 0                          | 0                           |                             | 30                        |
| 191 | Universidade Estadual de Ciências da Saúde de Alagoas UNCISAL | 191          | 494         | 6180       | Brazil  | Public             | 1975    | 2                               | 0                          | 0                           |                             | 18                        |
| 192 | Universidade de Cuiabá  | 192          | 495         | 6195       | Brazil  | Private            | 1988    | 2                               | 0                          | 0                           |                             | 25                        |
| 193 | Petróleo Brasileiro SA (PETROBRAS)                            | 193          | 496         | 6198       | Brazil  | Private            | 1953    | 2                               | 0                          | 0                           |                             | 44                        |
| 194 | Universidade de Marília UNIMAR                                | 194          | 498         | 6234       | Brazil  | Private            | 1956    | 1                               | 0                          | 0                           |                             | 35                        |

| #   | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 195 | Centro Universitário de Maringá CESUMAR  | 195          | 500         | 6251       | Brazil  | Private            | 1990    | 2                               | 0                          | 0                           |                             | 27                        |
| 196 | Instituto Federal de Educação Ciência e Tecnologia do Rio Grande do Norte IFRN | 196          | 503         | 6272       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 12                        |
| 197 | Instituto Federal de Educação Ciência e Tecnologia de Goiás                    | 197          | 507         | 6317       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 53                        |
| 198 | Universidade do Oeste de Santa Catarina UNOESC                                 | 198          | 509         | 6329       | Brazil  | Private            | 1968    | 1                               | 0                          | 0                           |                             | 43                        |
| 199 | Universidade Federal do Oeste da Bahia   | 199          | 510         | 6333       | Brazil  | Public             | 2011    | 1                               | 0                          | 0                           |                             | 43                        |
| 200 | Instituto Federal do Sul de Minas Gerais                                       | 200          | 512         | 6349       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 42                        |
| 201 | Universidade São Judas Tadeu   | 201          | 513         | 6354       | Brazil  | Private            | 1971    | 3                               | 0                          | 0                           |                             | 33                        |
| 202 | Universidade Estadual do Maranhão  | 202          | 514         | 6360       | Brazil  | Public             | 1973    | 1                               | 0                          | 0                           |                             | 43                        |
| 203 | Faculdade de Medicina de Marília   | 203          | 517         | 6372       | Brazil  | Public             | 1966    | 1                               | 0                          | 0                           |                             | 16                        |
| 204 | Instituto Nacional de Telecomunicações INATEL                                  | 204          | 521         | 6395       | Brazil  | Public             | 1965    | 2                               | 0                          | 0                           |                             | 17                        |
| 205 | Fundação Escola de Comercio Alvares Penteado FECAP                             | 205          | 528         | 6450       | Brazil  | Private            | 1902    | 2                               | 0                          | 0                           |                             | 16                        |
| 206 | Universidade Federal do Sul e Sudeste do Pará                                  | 206          | 532         | 6525       | Brazil  | Public             | 1971    | 1                               | 0                          | 0                           |                             | 46                        |
| 207 | Fundação Herminio Ometto FHO UNIARARAS   | 207          | 536         | 6579       | Brazil  | Private            | 1973    | 1                               | 0                          | 0                           |                             | 19                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 208 | Faculdade Novos Horizontes  | 208          | 540         | 6616       | Brazil  | Private            | 2004    | 1                               | 0                          | 0                           |                             | 13                        |
| 209 | FIA Business School   | 209          | 547         | 6765       | Brazil  | Public             | 1890    | 1                               | 0                          | 0                           |                             | 12                        |
| 210 | Instituto Federal de Educação Ciência e Tecnologia do Maranhão IFMA | 210          | 550         | 6798       | Brazil  | Public             | 1910    | 1                               | 0                          | 0                           |                             | 57                        |
| 211 | Universidade do Vale do Sapucaí                                     | 211          | 551         | 6831       | Brazil  | Private            | 1999    | 1                               | 0                          | 0                           |                             | 20                        |
| 212 | Universidade Católica de Salvador UCSal                             | 212          | 552         | 6837       | Brazil  | Private            | 1961    | 1                               | 0                          | 0                           |                             | 8                         |
| 213 | Faculdade de Medicina de Petropolis e Faculdade Arthur Sa Earp Neto | 213          | 554         | 6876       | Brazil  | Private            | 1967    | 1                               | 0                          | 0                           |                             | 5                         |
| 214 | Instituto Federal de Educação Ciência e Tecnologia do Piauí         | 214          | 555         | 6879       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 40                        |
| 215 | Centro Universitário UNA  | 215          | 570         | 7067       | Brazil  | Public             | 1961    | 1                               | 0                          | 0                           |                             | 21                        |
| 216 | UNICEPLAC   | 216          | 573         | 7083       | Brazil  | Private            | 1987    | 1                               | 0                          | 0                           |                             | 10                        |
| 217 | UNIFAMETRO Fortaleza  | 217          | 578         | 7131       | Brazil  | Private            | 2002    | 1                               | 0                          | 0                           |                             | 11                        |
| 218 | Faculdade Ceres FACERES   | 218          | 582         | 7155       | Brazil  | Private            | 2002    | 1                               | 0                          | 0                           |                             | 4                         |
| 219 | Faculdade Damas   | 219          | 587         | 7197       | Brazil  | Private            | 2006    | 1                               | 0                          | 0                           |                             | 6                         |
| 220 | Business School São Paulo   | 220          | 588         | 7209       | Brazil  | Private            | 1995    | 1                               | 0                          | 0                           |                             | 4                         |
| 221 | Universidade de Santa Cruz do Sul UNISC                             | 221          | 593         | 7270       | Brazil  | Private            | 1993    | 3                               | 0                          | 0                           |                             | 51                        |
| 222 | Universidade Estadual de Goiás UEG                                  | 222          | 594         | 7282       | Brazil  | Public             | 1999    | 1                               | 0                          | 0                           |                             | 54                        |
| 223 | Universidade Federal do Sul da Bahia                                | 224          | 597         | 7299       | Brazil  | Public             | 2013    | 1                               | 0                          | 0                           |                             | 45                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 224 | Centro Federal de Educação Tecnológica de Minas Gerais CEFET-MG               | 226          | 600         | 7313       | Brazil  | Public             | 1910    | 1                               | 0                          | 0                           |                             | 55                        |
| 225 | Universidade Católica Dom Bosco   | 227          | 601         | 7315       | Brazil  | Private            | 1961    | 1                               | 0                          | 0                           |                             | 38                        |
| 226 | Universidade Estadual Vale do Acaraú  | 228          | 602         | 7320       | Brazil  | Public             | 1968    | 1                               | 0                          | 0                           |                             | 29                        |
| 227 | Universidade José do Rosário Vellano Alfenas                                  | 229          | 603         | 7321       | Brazil  | Private            | 1972    | 1                               | 0                          | 0                           |                             | 41                        |
| 228 | Universidade do Estado do Rio Grande do Norte UERN                            | 230          | 605         | 7340       | Brazil  | Public             | 1968    | 2                               | 0                          | 0                           |                             | 26                        |
| 229 | Universidade Comunitaria da Região de Chapecó UNOCHAPECÓ                      | 232          | 609         | 7383       | Brazil  | Private            | 1970    | 1                               | 0                          | 0                           |                             | 42                        |
| 230 | Universidade Paranaense UNIPAR  | 233          | 610         | 7384       | Brazil  | Private            | 1970    | 1                               | 0                          | 0                           |                             | 31                        |
| 231 | Instituto Federal de Educação Ciência e Tecnologia do Sudeste de Minas Gerais | 236          | 619         | 7452       | Brazil  | Public             | 1957    | 1                               | 0                          | 0                           |                             | 38                        |
| 232 | Universidade do Norte do Paraná   | 237          | 621         | 7478       | Brazil  | Public             | 1972    | 1                               | 0                          | 0                           |                             | 11                        |
| 233 | Universidade Tuiuti do Paraná   | 240          | 626         | 7547       | Brazil  | Private            | 1958    | 2                               | 0                          | 0                           |                             | 35                        |
| 234 | Instituto Federal de Educação Ciência e Tecnologia do Triangulo Mineiro IFTM  | 241          | 629         | 7577       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 46                        |
| 235 | Universidade Federal de Rondonópolis  | 242          | 633         | 7610       | Brazil  | Public             | 2018    | 1                               | 0                          | 0                           |                             | 41                        |
| 236 | Fundacentro   | 243          | 635         | 7617       | Brazil  | Private            | 1984    | 1                               | 0                          | 0                           |                             | 17                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 237 | Universidade do Estado de Minas Gerais UEMG                                     | 246          | 643         | 7663       | Brazil  | Public             | 1989    | 1                               | 0                          | 0                           |                             | 42                        |
| 238 | Insituto Federal Farroupilha  | 250          | 654         | 7752       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 44                        |
| 239 | Universidade FUMEC  | 251          | 658         | 7782       | Brazil  | Private            | 1965    | 1                               | 0                          | 0                           |                             | 28                        |
| 240 | Centro Universitário Fieo UNIFIEO   | 252          | 659         | 7784       | Brazil  | Private            | 1967    | 1                               | 0                          | 0                           |                             | 18                        |
| 241 | Centro Universitário de Araraquara UNIARA                                       | 254          | 664         | 7815       | Brazil  | Private            | 1972    | 1                               | 0                          | 0                           |                             | 19                        |
| 242 | Centro Universitário Cesmac   | 257          | 672         | 7879       | Brazil  | Private            | 1973    | 1                               | 0                          | 0                           |                             | 33                        |
| 243 | Instituto Federal de Educação Ciência e Tecnologia Baiano Catu IFBAIANO         | 259          | 680         | 7998       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 44                        |
| 244 | Centro Universitário Adventista de São Paulo, CIDTF                             | 262          | 694         | 8111       | Brazil  | Private            | 1915    | 1                               | 0                          | 0                           |                             | 69                        |
| 245 | Universidade Unigranrio   | 267          | 713         | 8294       | Brazil  | Private            | 1970    | 1                               | 0                          | 0                           |                             | 7                         |
| 246 | Centro Universitário do Distrito Federal UDF                                    | 273          | 731         | 8482       | Brazil  | Private            | 1967    | 1                               | 0                          | 0                           |                             | 19                        |
| 247 | Instituto Federal de Educação Ciência e Tecnologia de Mato Grosso Campus Cuiabá | 276          | 738         | 8548       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 4                         |
| 248 | Fundação Universitária de Cardiologia   | 278          | 740         | 8553       | Brazil  | Private            | 1966    | 1                               | 0                          | 0                           |                             | 3                         |
| 249 | Universidade Regional Integrada do Alto Uruguai e das Missões URI               | 282          | 750         | 8662       | Brazil  | Public             | 1992    | 1                               | 0                          | 0                           |                             | 25                        |
| 250 | Centro Universitário São Camilo São Paulo                                       | 284          | 754         | 8710       | Brazil  | Private            | 1997    | 1                               | 0                          | 0                           |                             | 13                        |

| #   | University/Institutions                       | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 251 | Centro Universitário do Estado do Pará CESUPA | 293          | 768         | 8842       | Brazil  | Public             | 1986    | 1                               | 0                          | 0                           |                             | 34                        |
| 252 | Centro Universitario Estadual da Zona Oeste   | 312          | 840         | 9654       | Brazil  | Public             | 2005    | 1                               | 0                          | 0                           |                             | 3                         |
| 253 | Universidade Salgado de Oliveira UNIVERSO     | 318          | 862         | 9915       | Brazil  | Private            | 1976    | 1                               | 0                          | 0                           |                             | 8                         |
| 254 | Rede Metodista de Educação do Sul             | 321          | 878         | 10056      | Brazil  | Public             | 1923    | 1                               | 0                          | 0                           |                             | 5                         |

**Table III. Public Universities/Institutions in Brazil top 10.000**

| #  | University/Institutions                                | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 1  | Universidade de São Paulo USP                          | 1            | 1           | 106        | Brazil  | 1934    | 2424                            | 53                         | 799                         |                             | 6483                      |
| 2  | Universidade Estadual de Campinas UNICAMP              | 2            | 3           | 320        | Brazil  | 1962    | 652                             | 16                         | 197                         |                             | 1693                      |
| 3  | Universidade Federal de Minas Gerais UFMG              | 3            | 5           | 413        | Brazil  | 1927    | 415                             | 11                         | 125                         |                             | 1091                      |
| 4  | Universidade Federal do Rio Grande do Sul UFRGS        | 4            | 6           | 414        | Brazil  | 1934    | 374                             | 11                         | 116                         |                             | 964                       |
| 5  | Universidade Federal do Rio de Janeiro                 | 5            | 7           | 416        | Brazil  | 1920    | 382                             | 11                         | 99                          |                             | 1082                      |
| 6  | Universidade Estadual Paulista Júlio de Mesquita Filho | 7            | 10          | 564        | Brazil  | 1976    | 641                             | 7                          | 144                         |                             | 1968                      |
| 7  | Universidade do Estado do Rio de Janeiro UERJ          | 8            | 13          | 755        | Brazil  | 1930    | 85                              | 5                          | 27                          |                             | 280                       |
| 8  | Universidade Federal de São Paulo UNIFESP              | 9            | 15          | 811        | Brazil  | 1933    | 246                             | 4                          | 64                          |                             | 819                       |
| 9  | Empresa Brasileira de Pesquisa Agropecuaria            | 10           | 16          | 818        | Brazil  | 1973    | 231                             | 4                          | 49                          |                             | 863                       |
| 10 | Universidade Federal do Ceará                          | 11           | 17          | 819        | Brazil  | 1954    | 160                             | 4                          | 48                          |                             | 515                       |
| 11 | Universidade Federal de Pelotas UFPEL                  | 12           | 18          | 868        | Brazil  | 1969    | 53                              | 4                          | 22                          |                             | 225                       |
| 12 | Universidade Federal de Santa Catarina UFSC            | 13           | 20          | 928        | Brazil  | 1960    | 217                             | 3                          | 64                          |                             | 754                       |
| 13 | Universidade Federal de Pernambuco                     | 14           | 21          | 1005       | Brazil  | 1946    | 108                             | 3                          | 16                          |                             | 431                       |
| 14 | Instituto Nacional de Pesquisas Espaciais              | 15           | 24          | 1060       | Brazil  | 1961    | 39                              | 3                          | 9                           |                             | 214                       |
| 15 | Universidade Federal de Goiás UFG                      | 17           | 26          | 1158       | Brazil  | 1960    | 88                              | 2                          | 17                          |                             | 353                       |



| #  | University/Institutions                       | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 16 | Universidade Federal do ABC UFABC             | 18           | 27          | 1199       | Brazil  | 2005    | 56                              | 2                          | 13                          |                             | 471                       |
| 17 | Universidade Estadual de Ponta Grossa UEPG    | 21           | 33          | 1318       | Brazil  | 1970    | 27                              | 2                          | 5                           |                             | 144                       |
| 18 | Observatorio Nacional                         | 22           | 36          | 1343       | Brazil  | 1827    | 15                              | 2                          | 4                           |                             | 34                        |
| 19 | Universidade Federal de São Carlos            | 24           | 43          | 1386       | Brazil  | 1968    | 179                             | 1                          | 45                          |                             | 763                       |
| 20 | Universidade Federal de Viçosa UFV            | 25           | 44          | 1390       | Brazil  | 1922    | 126                             | 1                          | 41                          |                             | 310                       |
| 21 | Universidade Federal do Paraná                | 26           | 45          | 1394       | Brazil  | 1912    | 159                             | 1                          | 32                          |                             | 560                       |
| 22 | Universidade Estadual de Maringá              | 27           | 46          | 1395       | Brazil  | 1970    | 130                             | 1                          | 32                          |                             | 404                       |
| 23 | Universidade Federal da Bahia                 | 28           | 47          | 1409       | Brazil  | 1946    | 124                             | 1                          | 23                          |                             | 425                       |
| 24 | Hospital Israelita Albert Einstein            | 33           | 60          | 1582       | Brazil  | 1955    | 35                              | 1                          | 9                           |                             | 195                       |
| 25 | Universidade Federal do Espírito Santo        | 34           | 62          | 1601       | Brazil  | 1954    | 52                              | 1                          | 8                           |                             | 260                       |
| 26 | Universidade do Extremo Sul Catarinense UNESC | 35           | 71          | 1714       | Brazil  | 1968    | 15                              | 1                          | 6                           |                             | 42                        |
| 27 | Universidade de Brasília UNB                  | 40           | 105         | 2246       | Brazil  | 1962    | 193                             | 0                          | 34                          |                             | 719                       |
| 28 | Universidade Federal de Santa Maria UFSM      | 41           | 106         | 2247       | Brazil  | 1960    | 109                             | 0                          | 32                          |                             | 301                       |
| 29 | Universidade Estadual de Londrina             | 42           | 108         | 2264       | Brazil  | 1970    | 108                             | 0                          | 19                          |                             | 311                       |
| 30 | Universidade Federal Fluminense               | 43           | 109         | 2269       | Brazil  | 1960    | 127                             | 0                          | 18                          |                             | 501                       |
| 31 | Universidade Federal da Paraíba UFPB          | 44           | 111         | 2280       | Brazil  | 1955    | 69                              | 0                          | 16                          |                             | 258                       |
| 32 | Universidade Federal do Rio Grande do Norte   | 45           | 113         | 2290       | Brazil  | 1958    | 68                              | 0                          | 15                          |                             | 287                       |
| 33 | Universidade Federal de Lavras UFLA           | 46           | 114         | 2298       | Brazil  | 1908    | 75                              | 0                          | 14                          |                             | 219                       |
| 34 | Universidade Federal do Pará UFPA             | 47           | 115         | 2314       | Brazil  | 1957    | 70                              | 0                          | 13                          |                             | 260                       |
| 35 | Universidade Federal do Rio Grande FURG       | 48           | 116         | 2328       | Brazil  | 1969    | 45                              | 0                          | 12                          |                             | 222                       |

| #  | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 36 | Universidade Federal de Uberlândia                               | 49           | 118         | 2357       | Brazil  | 1969    | 78                              | 0                          | 10                          |                             | 412                       |
| 37 | Universidade Estadual do Norte Fluminense Darcy Ribeiro          | 50           | 121         | 2399       | Brazil  | 1993    | 38                              | 0                          | 9                           |                             | 111                       |
| 38 | Universidade Federal de Sergipe UFS                              | 53           | 128         | 2480       | Brazil  | 1967    | 36                              | 0                          | 7                           |                             | 156                       |
| 39 | Universidade Estadual do Ceará                                   | 55           | 130         | 2527       | Brazil  | 1975    | 20                              | 0                          | 7                           |                             | 98                        |
| 40 | Universidade Federal Rural do Rio de Janeiro UFRRJ               | 56           | 131         | 2535       | Brazil  | 1792    | 24                              | 0                          | 7                           |                             | 161                       |
| 41 | Universidade Federal de Campina Grande                           | 58           | 134         | 2547       | Brazil  | 2002    | 34                              | 0                          | 6                           |                             | 121                       |
| 42 | Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA | 59           | 136         | 2553       | Brazil  | 1953    | 28                              | 0                          | 6                           |                             | 114                       |
| 43 | Universidade Estadual de Feira de Santana UEFS                   | 60           | 138         | 2586       | Brazil  | 1976    | 19                              | 0                          | 6                           |                             | 81                        |
| 44 | Universidade Federal de Ouro Preto UFOP                          | 61           | 143         | 2665       | Brazil  | 1969    | 14                              | 0                          | 5                           |                             | 57                        |
| 45 | Instituto Nacional de Matematica Pura e Aplicada                 | 62           | 145         | 2686       | Brazil  | 1952    | 16                              | 0                          | 5                           |                             | 48                        |
| 46 | Universidade Federal de Juiz de Fora UFJF                        | 63           | 146         | 2712       | Brazil  | 1960    | 10                              | 0                          | 5                           |                             | 59                        |
| 47 | Universidade Federal de Alfenas UNIFAL-MG                        | 65           | 155         | 2745       | Brazil  | 1914    | 25                              | 0                          | 4                           |                             | 121                       |
| 48 | Universidade Federal de Alagoas                                  | 66           | 159         | 2778       | Brazil  | 1961    | 22                              | 0                          | 4                           |                             | 141                       |
| 49 | Instituto Agrônomo   | 69           | 165         | 2914       | Brazil  | 1887    | 22                              | 0                          | 3                           |                             | 73                        |
| 50 | Universidade Federal do Amazonas UFAM                            | 70           | 167         | 2923       | Brazil  | 1909    | 23                              | 0                          | 3                           |                             | 145                       |
| 51 | Faculdade de Medicina de São José do Rio Preto FAMERP            | 71           | 170         | 2969       | Brazil  | 1953    | 17                              | 0                          | 3                           |                             | 63                        |
| 52 | Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM   | 72           | 172         | 2987       | Brazil  | 1953    | 12                              | 0                          | 3                           |                             | 107                       |

| #  | University/Institutions                           | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 53 | Universidade do Estado do Amazonas UEA            | 76           | 179         | 3080       | Brazil  | 2001    | 8                               | 0                          | 3                           |                             | 44                        |
| 54 | Instituto de Pesquisas Energeticas e Nucleares    | 77           | 184         | 3162       | Brazil  | 1997    | 21                              | 0                          | 2                           |                             | 123                       |
| 55 | Universidade Tecnológica Federal do Paraná UTFPR  | 78           | 185         | 3163       | Brazil  | 1909    | 36                              | 0                          | 2                           |                             | 280                       |
| 56 | Instituto Tecnológico de Aeronáutica ITA          | 79           | 186         | 3183       | Brazil  | 1950    | 17                              | 0                          | 2                           |                             | 101                       |
| 57 | Universidade do Estado de Santa Catarina UDESC    | 80           | 188         | 3192       | Brazil  | 1965    | 18                              | 0                          | 2                           |                             | 124                       |
| 58 | Universidade Federal de Mato Grosso               | 81           | 189         | 3201       | Brazil  | 1970    | 17                              | 0                          | 2                           |                             | 119                       |
| 59 | Universidade de Franca UNIFRAN                    | 82           | 197         | 3246       | Brazil  | 1806    | 11                              | 0                          | 2                           |                             | 42                        |
| 60 | Universidade de Pernambuco                        | 84           | 203         | 3326       | Brazil  | 1990    | 7                               | 0                          | 2                           |                             | 128                       |
| 61 | Universidade do Sul de Santa Catarina UNISUL      | 85           | 205         | 3354       | Brazil  | 1964    | 9                               | 0                          | 2                           |                             | 50                        |
| 62 | Universidade Estadual de Montes Claros UNIMONTES  | 89           | 212         | 3439       | Brazil  | 1962    | 8                               | 0                          | 2                           |                             | 47                        |
| 63 | Instituto Militar de Engenharia                   | 90           | 215         | 3469       | Brazil  | 1792    | 4                               | 0                          | 2                           |                             | 41                        |
| 64 | Universidade Cidade de São Paulo UNICID           | 91           | 217         | 3490       | Brazil  | 1972    | 6                               | 0                          | 2                           |                             | 31                        |
| 65 | Faculdade de Medicina de Jundiaí                  | 93           | 224         | 3604       | Brazil  | 1968    | 4                               | 0                          | 2                           |                             | 25                        |
| 66 | Universidade Federal de Mato Grosso do Sul        | 94           | 227         | 3655       | Brazil  | 1979    | 45                              | 0                          | 1                           |                             | 186                       |
| 67 | Universidade Federal Rural de Pernambuco UFRPE    | 95           | 228         | 3660       | Brazil  | 1912    | 23                              | 0                          | 1                           |                             | 180                       |
| 68 | Universidade Estadual do Oeste do Paraná UNIOESTE | 96           | 230         | 3670       | Brazil  | 1994    | 18                              | 0                          | 1                           |                             | 140                       |
| 69 | Universidade Federal do Pampa UNIPAMPA            | 97           | 231         | 3673       | Brazil  | 2006    | 22                              | 0                          | 1                           |                             | 126                       |

| #  | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 70 | Universidade Federal do Maranhão  | 98           | 232         | 3679       | Brazil  | 1966    | 20                              | 0                          | 1                           |                             | 111                       |
| 71 | Universidade Federal de São João del Rei UFSJ                           | 99           | 234         | 3697       | Brazil  | 1987    | 18                              | 0                          | 1                           |                             | 139                       |
| 72 | Universidade Federal do Piauí   | 100          | 235         | 3698       | Brazil  | 1971    | 20                              | 0                          | 1                           |                             | 142                       |
| 73 | Universidade Federal de Itajubá UNIFEI                                  | 102          | 239         | 3731       | Brazil  | 1913    | 14                              | 0                          | 1                           |                             | 159                       |
| 74 | Universidade Estadual de Santa Cruz UESC                                | 103          | 242         | 3765       | Brazil  | 1972    | 18                              | 0                          | 1                           |                             | 79                        |
| 75 | Laboratorio Nacional de Luz Sincrotron                                  | 106          | 247         | 3831       | Brazil  | 1997    | 8                               | 0                          | 1                           |                             | 40                        |
| 76 | Universidade Federal da Fronteira Sul UFFS                              | 107          | 249         | 3858       | Brazil  | 2009    | 9                               | 0                          | 1                           |                             | 90                        |
| 77 | Instituto Federal Goiano  | 108          | 251         | 3864       | Brazil  | 2008    | 11                              | 0                          | 1                           |                             | 57                        |
| 78 | Universidade Estadual da Paraíba UEPB                                   | 113          | 258         | 3950       | Brazil  | 1966    | 8                               | 0                          | 1                           |                             | 52                        |
| 79 | Universidade Federal do Norte do Tocantins                              | 114          | 261         | 3954       | Brazil  | 1984    | 6                               | 0                          | 1                           |                             | 231                       |
| 80 | Universidade Federal do Estado do Rio de Janeiro UNIRIO                 | 115          | 263         | 3960       | Brazil  | 1969    | 9                               | 0                          | 1                           |                             | 69                        |
| 81 | Universidade Federal do Vale do São Francisco UNIVASF                   | 117          | 266         | 3975       | Brazil  | 2002    | 6                               | 0                          | 1                           |                             | 46                        |
| 82 | Universidade do Estado de Mato Grosso UNEMAT                            | 118          | 267         | 3976       | Brazil  | 1993    | 7                               | 0                          | 1                           |                             | 92                        |
| 83 | Museu Paraense Emilio Goeldi  | 119          | 268         | 3979       | Brazil  | 1866    | 8                               | 0                          | 1                           |                             | 28                        |
| 84 | Universidade Regional do Noroeste do Estado do Rio Grande do Sul UNIJUÁ | 120          | 269         | 3985       | Brazil  | 1957    | 4                               | 0                          | 1                           |                             | 47                        |
| 85 | Instituto Federal de Educação Ciência e Tecnologia do Ceará             | 121          | 272         | 3992       | Brazil  | 2008    | 5                               | 0                          | 1                           |                             | 94                        |
| 86 | Universidade Federal de Rondônia  | 128          | 303         | 4284       | Brazil  | 1982    | 4                               | 0                          | 1                           |                             | 65                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 87  | Instituto Federal de Educação Ciência e Tecnologia do Rio de Janeiro IFRJ | 130          | 310         | 4320       | Brazil  | 1947    | 3                               | 0                          | 1                           |                             | 30                        |
| 88  | Universidade Regional do Cariri URCA                                      | 133          | 313         | 4356       | Brazil  | 1986    | 4                               | 0                          | 1                           |                             | 32                        |
| 89  | Universidade do Grande Rio UNIGRANRIO                                     | 134          | 320         | 4430       | Brazil  | 1970    | 2                               | 0                          | 1                           |                             | 37                        |
| 90  | Universidade de Taubaté UNITAU  | 135          | 321         | 4434       | Brazil  | 1974    | 3                               | 0                          | 1                           |                             | 40                        |
| 91  | Universidade Federal do Amapá UNIFAP                                      | 137          | 333         | 4618       | Brazil  | 1990    | 3                               | 0                          | 1                           |                             | 42                        |
| 92  | Evandro Chagas Institute  | 138          | 335         | 4647       | Brazil  | 1938    | 2                               | 0                          | 1                           |                             | 26                        |
| 93  | Centro Federal de Educação Tecnológica Celso Suckow do Fonseca CEFET/RJ   | 139          | 338         | 4668       | Brazil  | 1917    | 1                               | 0                          | 1                           |                             | 40                        |
| 94  | Universidade Federal do Acre UFAC   | 140          | 339         | 4669       | Brazil  | 1964    | 1                               | 0                          | 1                           |                             | 40                        |
| 95  | Instituto Federal de Educação Ciência e Tecnologia do Espírito Santo      | 141          | 341         | 4675       | Brazil  | 2008    | 1                               | 0                          | 1                           |                             | 47                        |
| 96  | Universidade Santa Cecília UNISANTA                                       | 142          | 344         | 4686       | Brazil  | 1961    | 1                               | 0                          | 1                           |                             | 38                        |
| 97  | Universidade Estadual do Piauí UESPI                                      | 145          | 358         | 4883       | Brazil  | 1984    | 1                               | 0                          | 1                           |                             | 12                        |
| 98  | Instituto Dante Pazzanese de Cardiologia                                  | 148          | 366         | 4997       | Brazil  | 1958    | 1                               | 0                          | 1                           |                             | 4                         |
| 99  | Universidade Federal da Grande Dourados UFGD                              | 152          | 376         | 5066       | Brazil  | 2005    | 12                              | 0                          | 0                           |                             | 115                       |
| 100 | Universidade Federal do Triângulo Mineiro UFTM                            | 153          | 377         | 5068       | Brazil  | 1954    | 14                              | 0                          | 0                           |                             | 94                        |
| 101 | Universidade Estadual do Sudoeste da Bahia                                | 154          | 381         | 5102       | Brazil  | 1980    | 7                               | 0                          | 0                           |                             | 81                        |

| #   | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 102 | Universidade Estadual do Centro Oeste UNICENTRO                      | 155          | 385         | 5124       | Brazil  | 1990    | 11                              | 0                          | 0                           |                             | 74                        |
| 103 | Universidade Federal Rural do Semi-Árido UFERSA                      | 156          | 386         | 5125       | Brazil  | 2005    | 12                              | 0                          | 0                           |                             | 65                        |
| 104 | Universidade Estadual de Mato Grosso do Sul                          | 157          | 387         | 5133       | Brazil  | 1993    | 8                               | 0                          | 0                           |                             | 47                        |
| 105 | Fundação e Faculdade de Medicina do ABC                              | 158          | 388         | 5145       | Brazil  | 1969    | 6                               | 0                          | 0                           |                             | 31                        |
| 106 | Universidade Regional de Blumenau FURB                               | 159          | 392         | 5168       | Brazil  | 1964    | 8                               | 0                          | 0                           |                             | 69                        |
| 107 | Universidade Federal do Piau   | 160          | 396         | 5194       | Brazil  | 1968    | 4                               | 0                          | 0                           |                             | 106                       |
| 108 | Centro de Desenvolvimento da Tecnologia Nuclear                      | 161          | 403         | 5280       | Brazil  | 1982    | 7                               | 0                          | 0                           |                             | 50                        |
| 109 | Universidade Federal de Integração Luso Afro Brasileira UNILAB       | 164          | 408         | 5314       | Brazil  | 2010    | 4                               | 0                          | 0                           |                             | 45                        |
| 110 | Universidade Federal Rural da Amazônia                               | 165          | 412         | 5334       | Brazil  | 1945    | 4                               | 0                          | 0                           |                             | 35                        |
| 111 | Instituto Federal de Educação Ciência e Tecnologia de São Paulo IFSP | 166          | 430         | 5554       | Brazil  | 2008    | 3                               | 0                          | 0                           |                             | 45                        |
| 112 | Universidade Municipal de São Caetano do Sul USCS                    | 167          | 435         | 5599       | Brazil  | 1968    | 2                               | 0                          | 0                           |                             | 25                        |
| 113 | FUCAPE Business School   | 169          | 441         | 5728       | Brazil  | 2000    | 3                               | 0                          | 0                           |                             | 28                        |
| 114 | Escola Nacional de Ciências Estatísticas                             | 170          | 442         | 5739       | Brazil  | 1953    | 2                               | 0                          | 0                           |                             | 17                        |
| 115 | Universidade Federal da Integração Latino-Americana                  | 176          | 459         | 5900       | Brazil  | 2010    | 2                               | 0                          | 0                           |                             | 65                        |
| 116 | Universidade Federal do Recôncavo da Bahia UFRB                      | 177          | 462         | 5907       | Brazil  | 2005    | 3                               | 0                          | 0                           |                             | 74                        |

| #   | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 117 | Universidade Federal do Oeste do Para  | 178          | 463         | 5914       | Brazil  | 1970    | 3                               | 0                          | 0                           |                             | 33                        |
| 118 | Universidade Estadual do Norte do Paraná UENP                                  | 183          | 478         | 6016       | Brazil  | 2006    | 1                               | 0                          | 0                           |                             | 41                        |
| 119 | Universidade Brasil  | 185          | 480         | 6046       | Brazil  | 1989    | 3                               | 0                          | 0                           |                             | 30                        |
| 120 | Universidade Estadual do Rio Grande do Sul UERGS                               | 187          | 486         | 6076       | Brazil  | 2001    | 2                               | 0                          | 0                           |                             | 48                        |
| 121 | Universidade Federal do Cariri   | 188          | 487         | 6086       | Brazil  | 2013    | 1                               | 0                          | 0                           |                             | 40                        |
| 122 | Universidade do Estado da Bahia UNEB   | 189          | 491         | 6124       | Brazil  | 1983    | 2                               | 0                          | 0                           |                             | 35                        |
| 123 | Universidade Estadual de Ciências da Saúde de Alagoas UNCISAL                  | 191          | 494         | 6180       | Brazil  | 1975    | 2                               | 0                          | 0                           |                             | 18                        |
| 124 | Instituto Federal de Educação Ciência e Tecnologia do Rio Grande do Norte IFRN | 196          | 503         | 6272       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 12                        |
| 125 | Instituto Federal de Educação Ciência e Tecnologia de Goiás                    | 197          | 507         | 6317       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 53                        |
| 126 | Universidade Federal do Oeste da Bahia   | 199          | 510         | 6333       | Brazil  | 2011    | 1                               | 0                          | 0                           |                             | 43                        |
| 127 | Instituto Federal do Sul de Minas Gerais                                       | 200          | 512         | 6349       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 42                        |
| 128 | Universidade Estadual do Maranhão  | 202          | 514         | 6360       | Brazil  | 1973    | 1                               | 0                          | 0                           |                             | 43                        |
| 129 | Faculdade de Medicina de Marília   | 203          | 517         | 6372       | Brazil  | 1966    | 1                               | 0                          | 0                           |                             | 16                        |
| 130 | Instituto Nacional de Telecomunicações INATEL                                  | 204          | 521         | 6395       | Brazil  | 1965    | 2                               | 0                          | 0                           |                             | 17                        |
| 131 | Universidade Federal do Sul e Sudeste do Pará                                  | 206          | 532         | 6525       | Brazil  | 1971    | 1                               | 0                          | 0                           |                             | 46                        |
| 132 | FIA Business School  | 209          | 547         | 6765       | Brazil  | 1890    | 1                               | 0                          | 0                           |                             | 12                        |

| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 133 | Instituto Federal de Educação Ciência e Tecnologia do Maranhão IFMA           | 210          | 550         | 6798       | Brazil  | 1910    | 1                               | 0                          | 0                           |                             | 57                        |
| 134 | Instituto Federal de Educação Ciência e Tecnologia do Piauí                   | 214          | 555         | 6879       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 40                        |
| 135 | Centro Universitário UNA  | 215          | 570         | 7067       | Brazil  | 1961    | 1                               | 0                          | 0                           |                             | 21                        |
| 136 | Universidade Estadual de Goiás UEG  | 222          | 594         | 7282       | Brazil  | 1999    | 1                               | 0                          | 0                           |                             | 54                        |
| 137 | Universidade Federal do Sul da Bahia  | 224          | 597         | 7299       | Brazil  | 2013    | 1                               | 0                          | 0                           |                             | 45                        |
| 138 | Centro Federal de Educação Tecnológica de Minas Gerais CEFET-MG               | 226          | 600         | 7313       | Brazil  | 1910    | 1                               | 0                          | 0                           |                             | 55                        |
| 139 | Universidade Estadual Vale do Acaraú  | 228          | 602         | 7320       | Brazil  | 1968    | 1                               | 0                          | 0                           |                             | 29                        |
| 140 | Universidade do Estado do Rio Grande do Norte UERN                            | 230          | 605         | 7340       | Brazil  | 1968    | 2                               | 0                          | 0                           |                             | 26                        |
| 141 | Instituto Federal de Educação Ciência e Tecnologia do Sudeste de Minas Gerais | 236          | 619         | 7452       | Brazil  | 1957    | 1                               | 0                          | 0                           |                             | 38                        |
| 142 | Universidade do Norte do Paraná   | 237          | 621         | 7478       | Brazil  | 1972    | 1                               | 0                          | 0                           |                             | 11                        |
| 143 | Instituto Federal de Educação Ciência e Tecnologia do Triângulo Mineiro IFTM  | 241          | 629         | 7577       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 46                        |
| 144 | Universidade Federal de Rondonópolis  | 242          | 633         | 7610       | Brazil  | 2018    | 1                               | 0                          | 0                           |                             | 41                        |
| 145 | Universidade do Estado de Minas Gerais UEMG                                   | 246          | 643         | 7663       | Brazil  | 1989    | 1                               | 0                          | 0                           |                             | 42                        |
| 146 | Instituto Federal Farroupilha   | 250          | 654         | 7752       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 44                        |



| #   | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 147 | Instituto Federal de Educação Ciência e Tecnologia Baiano Catu IFBAIANO         | 259          | 680         | 7998       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 44                        |
| 148 | Instituto Federal de Educação Ciência e Tecnologia de Mato Grosso Campus Cuiabá | 276          | 738         | 8548       | Brazil  | 2008    | 1                               | 0                          | 0                           |                             | 4                         |
| 149 | Universidade Regional Integrada do Alto Uruguai e das Missões URI               | 282          | 750         | 8662       | Brazil  | 1992    | 1                               | 0                          | 0                           |                             | 25                        |
| 150 | Centro Universitário do Estado do Pará CESUPA                                   | 293          | 768         | 8842       | Brazil  | 1986    | 1                               | 0                          | 0                           |                             | 34                        |
| 151 | Centro Universitario Estadual da Zona Oeste                                     | 312          | 840         | 9654       | Brazil  | 2005    | 1                               | 0                          | 0                           |                             | 3                         |
| 152 | Rede Metodista de Educação do Sul   | 321          | 878         | 10056      | Brazil  | 1923    | 1                               | 0                          | 0                           |                             | 5                         |

**Table IV. Private Universities/Institutions in Brazil top 10.000**

| #  | University/Institutions                                     | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 1  | Fundação Oswaldo Cruz                                       | 6            | 8           | 485        | Brazil  | 1900    | 236                             | 9                          | 78                          |                             | 634                       |
| 2  | Brazilian Center for Research in Physics (CBPF)             | 16           | 25          | 1070       | Brazil  | 1949    | 22                              | 3                          | 7                           |                             | 43                        |
| 3  | Pontificia Universidade Católica do Paraná PUCPR            | 19           | 30          | 1247       | Brazil  | 1960    | 34                              | 2                          | 9                           |                             | 173                       |
| 4  | Universidade Presbiteriana Mackenzie                        | 20           | 32          | 1305       | Brazil  | 1952    | 20                              | 2                          | 6                           |                             | 112                       |
| 5  | Universidade Estácio de Sá                                  | 23           | 40          | 1371       | Brazil  | 1970    | 6                               | 2                          | 2                           |                             | 40                        |
| 6  | Pontificia Universidade Católica do Rio Grande do Sul PUCRS | 29           | 48          | 1418       | Brazil  | 1948    | 92                              | 1                          | 21                          |                             | 269                       |
| 7  | Fundação Getulio Vargas FGV                                 | 30           | 52          | 1507       | Brazil  | 1944    | 22                              | 1                          | 13                          |                             | 48                        |
| 8  | Pontificia Universidade Católica do Rio de Janeiro PUC-RIO  | 31           | 55          | 1511       | Brazil  | 1940    | 76                              | 1                          | 12                          |                             | 245                       |
| 9  | Instituto Nacional de Pesquisas da Amazonia                 | 32           | 59          | 1544       | Brazil  | 1952    | 32                              | 1                          | 11                          |                             | 97                        |
| 10 | Universidade Cruzeiro do Sul                                | 36           | 73          | 1750       | Brazil  | 1973    | 16                              | 1                          | 5                           |                             | 55                        |
| 11 | Universidade Católica de Pelotas                            | 37           | 78          | 1852       | Brazil  | 1960    | 5                               | 1                          | 4                           |                             | 35                        |
| 12 | Universidade de Caxias do Sul                               | 38           | 84          | 1964       | Brazil  | 1967    | 15                              | 1                          | 2                           |                             | 96                        |
| 13 | Pontificia Universidade Católica do Minas Gerais PUC MINAS  | 39           | 86          | 2098       | Brazil  | 1958    | 11                              | 1                          | 1                           |                             | 95                        |
| 14 | Pontificia Universidade Católica de São Paulo PUC-SP        | 51           | 124         | 2454       | Brazil  | 1946    | 28                              | 0                          | 8                           |                             | 176                       |
| 15 | Universidade do Vale do Rio dos Sinos UNISINOS              | 52           | 126         | 2478       | Brazil  | 1969    | 40                              | 0                          | 7                           |                             | 210                       |
| 16 | Universidade Nove de Julho                                  | 54           | 129         | 2518       | Brazil  | 1972    | 18                              | 0                          | 7                           |                             | 53                        |
| 17 | Instituto D'Or Pesquisa e Ensino                            | 57           | 132         | 2539       | Brazil  | 2010    | 12                              | 0                          | 7                           |                             | 26                        |
| 18 | Universidade Guarulhos UNG                                  | 64           | 148         | 2718       | Brazil  | 1969    | 8                               | 0                          | 5                           |                             | 29                        |

| #  | University/Institutions                                   | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 19 | Laboratorio Nacional de Computacao Cientifica             | 67           | 162         | 2808       | Brazil  | 1980    | 14                              | 0                          | 4                           |                             | 44                        |
| 20 | Universidade São Francisco                                | 68           | 163         | 2832       | Brazil  | 1976    | 10                              | 0                          | 4                           |                             | 43                        |
| 21 | Universidade de Fortaleza UNIFOR                          | 73           | 173         | 2996       | Brazil  | 1973    | 11                              | 0                          | 3                           |                             | 65                        |
| 22 | Instituto Nacional de Cancer                              | 74           | 176         | 3047       | Brazil  | 1937    | 8                               | 0                          | 3                           |                             | 44                        |
| 23 | Universidade de Ribeirão Preto UNAERP                     | 75           | 177         | 3056       | Brazil  | 1924    | 8                               | 0                          | 3                           |                             | 31                        |
| 24 | Universidade de Passo Fundo                               | 83           | 199         | 3286       | Brazil  | 1968    | 12                              | 0                          | 2                           |                             | 59                        |
| 25 | Instituto de Ensino e Pesquisa INSPER                     | 86           | 206         | 3361       | Brazil  | 1987    | 9                               | 0                          | 2                           |                             | 46                        |
| 26 | Faculdade de Odontologia São Leopoldo Mandic              | 87           | 208         | 3395       | Brazil  | 1972    | 9                               | 0                          | 2                           |                             | 38                        |
| 27 | Universidade Paulista UNIP                                | 88           | 211         | 3437       | Brazil  | 1988    | 8                               | 0                          | 2                           |                             | 57                        |
| 28 | Universidade Ceuma  | 92           | 223         | 3602       | Brazil  | 1990    | 4                               | 0                          | 2                           |                             | 26                        |
| 29 | Instituto de Pesquisa Econômica Aplicada                  | 101          | 237         | 3721       | Brazil  | 1964    | 15                              | 0                          | 1                           |                             | 86                        |
| 30 | Universidade de Sorocaba                                  | 104          | 244         | 3785       | Brazil  | 1994    | 9                               | 0                          | 1                           |                             | 33                        |
| 31 | Instituto de Pesquisas Jardim Botânico do Rio de Janeiro  | 105          | 245         | 3786       | Brazil  | 2016    | 9                               | 0                          | 1                           |                             | 35                        |
| 32 | Pontificia Universidade Católica do Campinas PUC-CAMPINAS | 109          | 252         | 3879       | Brazil  | 1941    | 9                               | 0                          | 1                           |                             | 54                        |
| 33 | Universidade Vila Velha UVV                               | 110          | 255         | 3891       | Brazil  | 1976    | 11                              | 0                          | 1                           |                             | 35                        |
| 34 | Universidade Luterana do Brasil ULBRA                     | 111          | 256         | 3892       | Brazil  | 1972    | 7                               | 0                          | 1                           |                             | 51                        |
| 35 | Instituto Tecnológico Vale                                | 112          | 257         | 3935       | Brazil  | 2010    | 6                               | 0                          | 1                           |                             | 31                        |
| 36 | Universidade do Vale do Paraíba UNIVAP                    | 116          | 265         | 3971       | Brazil  | 1954    | 10                              | 0                          | 1                           |                             | 41                        |
| 37 | Faculdades La Salle UNILASALLE                            | 122          | 277         | 4046       | Brazil  | 1972    | 5                               | 0                          | 1                           |                             | 35                        |

| #  | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 38 | Escola Bahiana de Medicina e Saúde Publica                                       | 123          | 281         | 4093       | Brazil  | 1952    | 9                               | 0                          | 1                           |                             | 45                        |
| 39 | Universidade Anhembi Morumbi   | 124          | 292         | 4197       | Brazil  | 1972    | 3                               | 0                          | 1                           |                             | 31                        |
| 40 | Universidade Católica de Santos UNISANTOS  | 125          | 293         | 4207       | Brazil  | 1986    | 3                               | 0                          | 1                           |                             | 37                        |
| 41 | Universidade do Mogi Das Cruzes UMC  | 126          | 295         | 4228       | Brazil  | 1962    | 3                               | 0                          | 1                           |                             | 38                        |
| 42 | Universidade do Vale do Itajaí UNIVALI   | 127          | 301         | 4270       | Brazil  | 1964    | 4                               | 0                          | 1                           |                             | 76                        |
| 43 | Universidade Católica de Brasília  | 129          | 307         | 4308       | Brazil  | 1974    | 3                               | 0                          | 1                           |                             | 46                        |
| 44 | Pontificia Universidade Catolica de Goiás PUC Goiás                              | 131          | 311         | 4327       | Brazil  | 1959    | 2                               | 0                          | 1                           |                             | 46                        |
| 45 | Universidade Franciscana   | 132          | 312         | 4330       | Brazil  | 2018    | 5                               | 0                          | 1                           |                             | 44                        |
| 46 | Universidade Católica de Pernambuco  | 136          | 325         | 4525       | Brazil  | 1951    | 2                               | 0                          | 1                           |                             | 39                        |
| 47 | Universidade Tiradentes UNIT   | 143          | 350         | 4748       | Brazil  | 1962    | 2                               | 0                          | 1                           |                             | 24                        |
| 48 | Centro Universitário de João Pessoa  | 144          | 355         | 4863       | Brazil  | 1971    | 1                               | 0                          | 1                           |                             | 19                        |
| 49 | Universidade Católica de Petrópolis  | 146          | 359         | 4890       | Brazil  | 1953    | 1                               | 0                          | 1                           |                             | 22                        |
| 50 | Faculdades Pequeno Príncipe  | 147          | 361         | 4900       | Brazil  | 2003    | 1                               | 0                          | 1                           |                             | 16                        |
| 51 | Embrapa Genetic Resources and Biotechnology                                      | 149          | 371         | 5031       | Brazil  | 1974    | 1                               | 0                          | 1                           |                             | 1                         |
| 52 | Instituto Metodista Bennett  | 150          | 372         | 5034       | Brazil  | 1888    | 1                               | 0                          | 1                           |                             | 1                         |
| 53 | Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas | 151          | 374         | 5049       | Brazil  | 1952    | 40                              | 0                          | 0                           |                             | 242                       |
| 54 | Universidade Positivo  | 162          | 404         | 5283       | Brazil  | 1988    | 4                               | 0                          | 0                           |                             | 29                        |
| 55 | Universidade FEEVALE   | 163          | 407         | 5310       | Brazil  | 1969    | 4                               | 0                          | 0                           |                             | 55                        |
| 56 | Universidade Metodista de São Paulo  | 168          | 438         | 5643       | Brazil  | 1970    | 2                               | 0                          | 0                           |                             | 37                        |

| #  | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 57 | Centro Universitário de Anapolis UNIEVANGÉICA                    | 171          | 445         | 5775       | Brazil  | 1947    | 2                               | 0                          | 0                           |                             | 20                        |
| 58 | Instituto Mauá de Tecnologia                                     | 172          | 451         | 5847       | Brazil  | 1961    | 2                               | 0                          | 0                           |                             | 35                        |
| 59 | Centro Universitário da Fundação Educacional Inaciana            | 173          | 454         | 5882       | Brazil  | 1941    | 4                               | 0                          | 0                           |                             | 54                        |
| 60 | Universidade do Oeste Paulista UNOESTE                           | 174          | 456         | 5884       | Brazil  | 1972    | 5                               | 0                          | 0                           |                             | 55                        |
| 61 | Faculdade de Ciências Médicas da Santa Casa de São Paulo FCMSCSP | 175          | 457         | 5885       | Brazil  | 1963    | 3                               | 0                          | 0                           |                             | 55                        |
| 62 | Centro Universitário UNIVATES                                    | 179          | 464         | 5921       | Brazil  | 1969    | 2                               | 0                          | 0                           |                             | 45                        |
| 63 | Universidade Metodista de Piracicaba                             | 180          | 465         | 5925       | Brazil  | 1964    | 5                               | 0                          | 0                           |                             | 31                        |
| 64 | Universidade de Santo Amaro UNISA                                | 181          | 473         | 5978       | Brazil  | 1968    | 3                               | 0                          | 0                           |                             | 26                        |
| 65 | Universidade da Região de Joinville - Univille                   | 182          | 476         | 6012       | Brazil  | 1967    | 2                               | 0                          | 0                           |                             | 42                        |
| 66 | Universidade Veiga de Almeida                                    | 184          | 479         | 6040       | Brazil  | 1971    | 3                               | 0                          | 0                           |                             | 37                        |
| 67 | Faculdade Meridional   | 186          | 483         | 6060       | Brazil  | 2001    | 2                               | 0                          | 0                           |                             | 42                        |
| 68 | Universidade Salvador UNIFACS                                    | 190          | 493         | 6140       | Brazil  | 1997    | 2                               | 0                          | 0                           |                             | 30                        |
| 69 | Universidade de Cuiabá   | 192          | 495         | 6195       | Brazil  | 1988    | 2                               | 0                          | 0                           |                             | 25                        |
| 70 | Petróleo Brasileiro SA (PETROBRAS)                               | 193          | 496         | 6198       | Brazil  | 1953    | 2                               | 0                          | 0                           |                             | 44                        |
| 71 | Universidade de Marília UNIMAR                                   | 194          | 498         | 6234       | Brazil  | 1956    | 1                               | 0                          | 0                           |                             | 35                        |
| 72 | Centro Universitário de Maringá CESUMAR                          | 195          | 500         | 6251       | Brazil  | 1990    | 2                               | 0                          | 0                           |                             | 27                        |
| 73 | Universidade do Oeste de Santa Catarina UNOESC                   | 198          | 509         | 6329       | Brazil  | 1968    | 1                               | 0                          | 0                           |                             | 43                        |
| 74 | Universidade São Judas Tadeu                                     | 201          | 513         | 6354       | Brazil  | 1971    | 3                               | 0                          | 0                           |                             | 33                        |

| #  | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 75 | Fundação Escola de Comercio Alvares Penteado FECAP                  | 205          | 528         | 6450       | Brazil  | 1902    | 2                               | 0                          | 0                           |                             | 16                        |
| 76 | Fundação Herminio Ometto FHO UNIARARAS                              | 207          | 536         | 6579       | Brazil  | 1973    | 1                               | 0                          | 0                           |                             | 19                        |
| 77 | Faculdade Novos Horizontes  | 208          | 540         | 6616       | Brazil  | 2004    | 1                               | 0                          | 0                           |                             | 13                        |
| 78 | Universidade do Vale do Sapucaí                                     | 211          | 551         | 6831       | Brazil  | 1999    | 1                               | 0                          | 0                           |                             | 20                        |
| 79 | Universidade Católica de Salvador UCSal                             | 212          | 552         | 6837       | Brazil  | 1961    | 1                               | 0                          | 0                           |                             | 8                         |
| 80 | Faculdade de Medicina de Petropolis e Faculdade Arthur Sa Earp Neto | 213          | 554         | 6876       | Brazil  | 1967    | 1                               | 0                          | 0                           |                             | 5                         |
| 81 | UNICEPLAC   | 216          | 573         | 7083       | Brazil  | 1987    | 1                               | 0                          | 0                           |                             | 10                        |
| 82 | UNIFAMETRO Fortaleza  | 217          | 578         | 7131       | Brazil  | 2002    | 1                               | 0                          | 0                           |                             | 11                        |
| 83 | Faculdade Ceres FACERES   | 218          | 582         | 7155       | Brazil  | 2002    | 1                               | 0                          | 0                           |                             | 4                         |
| 84 | Faculdade Damas   | 219          | 587         | 7197       | Brazil  | 2006    | 1                               | 0                          | 0                           |                             | 6                         |
| 85 | Business School São Paulo   | 220          | 588         | 7209       | Brazil  | 1995    | 1                               | 0                          | 0                           |                             | 4                         |
| 86 | Universidade de Santa Cruz do Sul UNISC                             | 221          | 593         | 7270       | Brazil  | 1993    | 3                               | 0                          | 0                           |                             | 51                        |
| 87 | Universidade Católica Dom Bosco                                     | 227          | 601         | 7315       | Brazil  | 1961    | 1                               | 0                          | 0                           |                             | 38                        |
| 88 | Universidade José do Rosário Vellano Alfenas                        | 229          | 603         | 7321       | Brazil  | 1972    | 1                               | 0                          | 0                           |                             | 41                        |
| 89 | Universidade Comunitaria da Região de Chapecó UNOCHAPECÓ            | 232          | 609         | 7383       | Brazil  | 1970    | 1                               | 0                          | 0                           |                             | 42                        |
| 90 | Universidade Paranaense UNIPAR                                      | 233          | 610         | 7384       | Brazil  | 1970    | 1                               | 0                          | 0                           |                             | 31                        |
| 91 | Universidade Tuiuti do Paraná                                       | 240          | 626         | 7547       | Brazil  | 1958    | 2                               | 0                          | 0                           |                             | 35                        |
| 92 | Fundacentro   | 243          | 635         | 7617       | Brazil  | 1984    | 1                               | 0                          | 0                           |                             | 17                        |
| 93 | Universidade FUMEC  | 251          | 658         | 7782       | Brazil  | 1965    | 1                               | 0                          | 0                           |                             | 28                        |
| 94 | Centro Universitário Fieo UNIFIEO                                   | 252          | 659         | 7784       | Brazil  | 1967    | 1                               | 0                          | 0                           |                             | 18                        |

| #   | University/Institutions                              | Country Rank | Region Rank | World Rank | Country | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|-----|--|--------------|-------------|------------|---------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 95  | Centro Universitário de Araraquara UNIARA            | 254          | 664         | 7815       | Brazil  | 1972    | 1                               | 0                          | 0                           |                             | 19                        |
| 96  | Centro Universitário Cesmac                          | 257          | 672         | 7879       | Brazil  | 1973    | 1                               | 0                          | 0                           |                             | 33                        |
| 97  | Centro Universitário Adventista de São Paulo, CIDTFF | 262          | 694         | 8111       | Brazil  | 1915    | 1                               | 0                          | 0                           |                             | 69                        |
| 98  | Universidade Unigranrio                              | 267          | 713         | 8294       | Brazil  | 1970    | 1                               | 0                          | 0                           |                             | 7                         |
| 99  | Centro Universitário do Distrito Federal UDF         | 273          | 731         | 8482       | Brazil  | 1967    | 1                               | 0                          | 0                           |                             | 19                        |
| 100 | Fundação Universitária de Cardiologia                | 278          | 740         | 8553       | Brazil  | 1966    | 1                               | 0                          | 0                           |                             | 3                         |
| 101 | Centro Universitário São Camilo São Paulo            | 284          | 754         | 8710       | Brazil  | 1997    | 1                               | 0                          | 0                           |                             | 13                        |
| 102 | Universidade Salgado de Oliveira UNIVERSO            | 318          | 862         | 9915       | Brazil  | 1976    | 1                               | 0                          | 0                           |                             | 8                         |

**Table V. Universities/Institutions Founded After 2010 in Brazil Top 10.000**

| # | University/Institutions                                  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|---|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 1 | Instituto de Pesquisas Jardim Botânico do Rio de Janeiro | 105          | 245         | 3786       | Brazil  | Private            | 2016    | 9                               | 0                          | 1                           |                             | 35                        |
| 2 | Universidade Franciscana                                 | 132          | 312         | 4330       | Brazil  | Private            | 2018    | 5                               | 0                          | 1                           |                             | 44                        |
| 3 | Universidade Federal do Cariri                           | 188          | 487         | 6086       | Brazil  | Public             | 2013    | 1                               | 0                          | 0                           |                             | 40                        |
| 4 | Universidade Federal do Oeste da Bahia                   | 199          | 510         | 6333       | Brazil  | Public             | 2011    | 1                               | 0                          | 0                           |                             | 43                        |
| 5 | Universidade Federal do Sul da Bahia                     | 224          | 597         | 7299       | Brazil  | Public             | 2013    | 1                               | 0                          | 0                           |                             | 45                        |
| 6 | Universidade Federal de Rondonópolis                     | 242          | 633         | 7610       | Brazil  | Public             | 2018    | 1                               | 0                          | 0                           |                             | 41                        |



**Table VI. Universities/Institutions Founded After 2000 in Brazil Top 10.000**

| #  | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 1  | Universidade Federal do ABC UFABC                                    | 18           | 27          | 1199       | Brazil  | Public             | 2005    | 56                              | 2                          | 13                          |                             | 471                       |
| 2  | Instituto D'Or Pesquisa e Ensino                                     | 57           | 132         | 2539       | Brazil  | Private            | 2010    | 12                              | 0                          | 7                           |                             | 26                        |
| 3  | Universidade Federal de Campina Grande                               | 58           | 134         | 2547       | Brazil  | Public             | 2002    | 34                              | 0                          | 6                           |                             | 121                       |
| 4  | Universidade do Estado do Amazonas UEA                               | 76           | 179         | 3080       | Brazil  | Public             | 2001    | 8                               | 0                          | 3                           |                             | 44                        |
| 5  | Universidade Federal do Pampa UNIPAMPA                               | 97           | 231         | 3673       | Brazil  | Public             | 2006    | 22                              | 0                          | 1                           |                             | 126                       |
| 6  | Instituto de Pesquisas Jardim Botânico do Rio de Janeiro             | 105          | 245         | 3786       | Brazil  | Private            | 2016    | 9                               | 0                          | 1                           |                             | 35                        |
| 7  | Universidade Federal da Fronteira Sul UFFS                           | 107          | 249         | 3858       | Brazil  | Public             | 2009    | 9                               | 0                          | 1                           |                             | 90                        |
| 8  | Instituto Federal Goiano   | 108          | 251         | 3864       | Brazil  | Public             | 2008    | 11                              | 0                          | 1                           |                             | 57                        |
| 9  | Instituto Tecnológico Vale   | 112          | 257         | 3935       | Brazil  | Private            | 2010    | 6                               | 0                          | 1                           |                             | 31                        |
| 10 | Universidade Federal do Vale do São Francisco UNIVASF                | 117          | 266         | 3975       | Brazil  | Public             | 2002    | 6                               | 0                          | 1                           |                             | 46                        |
| 11 | Instituto Federal de Educação Ciência e Tecnologia do Ceará          | 121          | 272         | 3992       | Brazil  | Public             | 2008    | 5                               | 0                          | 1                           |                             | 94                        |
| 12 | Universidade Franciscana   | 132          | 312         | 4330       | Brazil  | Private            | 2018    | 5                               | 0                          | 1                           |                             | 44                        |
| 13 | Instituto Federal de Educação Ciência e Tecnologia do Espírito Santo | 141          | 341         | 4675       | Brazil  | Public             | 2008    | 1                               | 0                          | 1                           |                             | 47                        |
| 14 | Faculdades Pequeno Príncipe  | 147          | 361         | 4900       | Brazil  | Private            | 2003    | 1                               | 0                          | 1                           |                             | 16                        |
| 15 | Universidade Federal da Grande Dourados UFGD                         | 152          | 376         | 5066       | Brazil  | Public             | 2005    | 12                              | 0                          | 0                           |                             | 115                       |

| #  | University/Institutions  | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|--|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 16 | Universidade Federal Rural do Semi-Árido UFRSA                                 | 156          | 386         | 5125       | Brazil  | Public             | 2005    | 12                              | 0                          | 0                           |                             | 65                        |
| 17 | Universidade Federal de Integração Luso Afro Brasileira UNILAB                 | 164          | 408         | 5314       | Brazil  | Public             | 2010    | 4                               | 0                          | 0                           |                             | 45                        |
| 18 | Instituto Federal de Educação Ciência e Tecnologia de São Paulo IFSP           | 166          | 430         | 5554       | Brazil  | Public             | 2008    | 3                               | 0                          | 0                           |                             | 45                        |
| 19 | Universidade Federal da Integração Latino-Americana                            | 176          | 459         | 5900       | Brazil  | Public             | 2010    | 2                               | 0                          | 0                           |                             | 65                        |
| 20 | Universidade Federal do Recôncavo da Bahia UFRB                                | 177          | 462         | 5907       | Brazil  | Public             | 2005    | 3                               | 0                          | 0                           |                             | 74                        |
| 21 | Universidade Estadual do Norte do Paraná UENP                                  | 183          | 478         | 6016       | Brazil  | Public             | 2006    | 1                               | 0                          | 0                           |                             | 41                        |
| 22 | Faculdade Meridional   | 186          | 483         | 6060       | Brazil  | Private            | 2001    | 2                               | 0                          | 0                           |                             | 42                        |
| 23 | Universidade Estadual do Rio Grande do Sul UERGS                               | 187          | 486         | 6076       | Brazil  | Public             | 2001    | 2                               | 0                          | 0                           |                             | 48                        |
| 24 | Universidade Federal do Cariri   | 188          | 487         | 6086       | Brazil  | Public             | 2013    | 1                               | 0                          | 0                           |                             | 40                        |
| 25 | Instituto Federal de Educação Ciência e Tecnologia do Rio Grande do Norte IFRN | 196          | 503         | 6272       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 12                        |
| 26 | Instituto Federal de Educação Ciência e Tecnologia de Goiás                    | 197          | 507         | 6317       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 53                        |
| 27 | Universidade Federal do Oeste da Bahia   | 199          | 510         | 6333       | Brazil  | Public             | 2011    | 1                               | 0                          | 0                           |                             | 43                        |
| 28 | Instituto Federal do Sul de Minas Gerais                                       | 200          | 512         | 6349       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 42                        |
| 29 | Faculdade Novos Horizontes   | 208          | 540         | 6616       | Brazil  | Private            | 2004    | 1                               | 0                          | 0                           |                             | 13                        |

| #  | University/Institutions   | Country Rank | Region Rank | World Rank | Country | Sources of Funding | Founded | Scientists in Brazil Top 10.000 | Scientists in World Top 2% | Scientists in World Top 10% | Scientists in World Top 20% | Total Scientists in Index |
|----|---|--------------|-------------|------------|---------|--------------------|---------|---------------------------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| 30 | Instituto Federal de Educação Ciência e Tecnologia do Piauí                     | 214          | 555         | 6879       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 40                        |
| 31 | UNIFAMETRO Fortaleza  | 217          | 578         | 7131       | Brazil  | Private            | 2002    | 1                               | 0                          | 0                           |                             | 11                        |
| 32 | Faculdade Ceres FACERES   | 218          | 582         | 7155       | Brazil  | Private            | 2002    | 1                               | 0                          | 0                           |                             | 4                         |
| 33 | Faculdade Damas   | 219          | 587         | 7197       | Brazil  | Private            | 2006    | 1                               | 0                          | 0                           |                             | 6                         |
| 34 | Universidade Federal do Sul da Bahia  | 224          | 597         | 7299       | Brazil  | Public             | 2013    | 1                               | 0                          | 0                           |                             | 45                        |
| 35 | Instituto Federal de Educação Ciência e Tecnologia do Triangulo Mineiro IFTM    | 241          | 629         | 7577       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 46                        |
| 36 | Universidade Federal de Rondonópolis  | 242          | 633         | 7610       | Brazil  | Public             | 2018    | 1                               | 0                          | 0                           |                             | 41                        |
| 37 | Instituto Federal Farroupilha   | 250          | 654         | 7752       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 44                        |
| 38 | Instituto Federal de Educação Ciência e Tecnologia Baiano Catu IFBAIANO         | 259          | 680         | 7998       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 44                        |
| 39 | Instituto Federal de Educação Ciência e Tecnologia de Mato Grosso Campus Cuiabá | 276          | 738         | 8548       | Brazil  | Public             | 2008    | 1                               | 0                          | 0                           |                             | 4                         |
| 40 | Centro Universitario Estadual da Zona Oeste                                     | 312          | 840         | 9654       | Brazil  | Public             | 2005    | 1                               | 0                          | 0                           |                             | 3                         |

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|---|---------|--------|-------|---|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 1       | 7      | 233   | <a href="#">Luiz Mundim</a><br>                | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Física  | 208     | 143         | 0.688               | 1032      | 783         | 0.759               | 216593   | 97270       | 0.449               |
| 1   | 2       | 8      | 267   | <a href="#">Gilvan Augusto Alves</a><br>       | <br>Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Physics   Particle Physics   High Energy Physics                          | 205     | 134         | 0.654               | 1090      | 780         | 0.716               | 216228   | 91713       | 0.424               |
| 1   | 3       | 10     | 311   | <a href="#">Sandra Dos Santos Padula</a><br>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 200     | 137         | 0.685               | 933       | 833         | 0.893               | 170753   | 86499       | 0.507               |
| 2   | 4       | 11     | 331   | <a href="#">Maria Elena Pol</a>   | <br>Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                                     | 198     | 131         | 0.662               | 1005      | 625         | 0.622               | 201190   | 83613       | 0.416               |
| 2   | 5       | 12     | 334   | <a href="#">SF Novaes</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics   Field Theory  | 198     | 136         | 0.687               | 986       | 739         | 0.749               | 194151   | 89093       | 0.459               |
| 1   | 6       | 13     | 335   | <a href="#">Eduardo De Moraes Gregores</a><br> | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 198     | 136         | 0.687               | 955       | 735         | 0.770               | 193385   | 88785       | 0.459               |
| 2   | 7       | 14     | 336   | <a href="#">Andre Sznajder</a>  | <br>Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Experimental Particle Physics   Higgs Physics and Vector Boson Scattering | 198     | 141         | 0.712               | 963       | 731         | 0.759               | 191890   | 90274       | 0.470               |
| 1   | 8       | 18     | 385   | <a href="#">Marco Leite</a><br>              | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   Instrumentação                                 | 193     | 143         | 0.741               | 802       | 722         | 0.900               | 219198   | 107808      | 0.492               |
| 2   | 9       | 21     | 427   | <a href="#">Pedro Galli Mercadante</a>  | <br>Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Física de altas energias  | 191     | 135         | 0.707               | 952       | 757         | 0.795               | 179739   | 87228       | 0.485               |
| 2   | 10      | 23     | 462   | <a href="#">Marisilvia Donadelli</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Higgs pair production   b-tagging and tau physics.                        | 188     | 139         | 0.739               | 780       | 712         | 0.913               | 178863   | 94194       | 0.527               |
| 3   | 11      | 24     | 542   | <a href="#">Dilson De Jesus Damião</a>  | <br>Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                                     | 183     | 134         | 0.732               | 682       | 636         | 0.933               | 161082   | 87059       | 0.540               |

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|---|---------|--------|-------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 12      | 27     | 675   | <a href="#">Jose Augusto Chinellato</a><br>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>particle physics   cosmic rays                                   | 175     | 134         | 0.766               | 711       | 660         | 0.928               | 125984   | 80669       | 0.640               |
| 2   | 13      | 28     | 683   | <a href="#">Tonelli Manganote EJ</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas e Campos                                    | 174     | 134         | 0.770               | 656       | 608         | 0.927               | 127323   | 77841       | 0.611               |
| 3   | 14      | 33     | 793   | <a href="#">Alexandre Alarcon Do Passo Suaide</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>física nuclear   física de partículas   tecnologia da informação | 168     | 106         | 0.631               | 584       | 512         | 0.877               | 97460    | 39946       | 0.410               |
| 1   | 15      | 36     | 1082  | <a href="#">Murilo Santana Rangel</a><br>    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física de partículas   | 155     | 94          | 0.606               | 779       | 582         | 0.747               | 93655    | 41124       | 0.439               |
| 1   | 16      | 37     | 1197  | <a href="#">Gustavo Gil da Silveira</a><br>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Physics</a><br>hep-ex   hep-ph  | 150     | 127         | 0.847               | 570       | 552         | 0.968               | 100461   | 69385       | 0.691               |
| 1   | 17      | 38     | 1202  | <a href="#">Carla Göbel</a><br>              |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 150     | 96          | 0.640               | 598       | 466         | 0.779               | 92882    | 43198       | 0.465               |
| 2   | 18      | 44     | 1690  | <a href="#">Leandro S De Paula</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Physics  | 138     | 90          | 0.652               | 676       | 457         | 0.676               | 88733    | 39999       | 0.451               |
| 3   | 19      | 47     | 2067  | <a href="#">Erica Polycarpo</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 132     | 92          | 0.697               | 515       | 429         | 0.833               | 78023    | 40585       | 0.520               |
| 4   | 20      | 49     | 2467  | <a href="#">Cédric Potterat</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 127     | 88          | 0.693               | 425       | 377         | 0.887               | 69575    | 36613       | 0.526               |
| 4   | 21      | 51     | 2708  | <a href="#">Carlos Augusto Monteiro</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e Saúde Pública              | 124     | 82          | 0.661               | 417       | 256         | 0.614               | 68866    | 31565       | 0.458               |
| 4   | 22      | 52     | 2772  | <a href="#">Vitor Oguri</a>   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 123     | 50          | 0.407               | 334       | 147         | 0.440               | 88879    | 19231       | 0.216               |
| 1   | 23      | 57     | 3265  | <a href="#">Deborah Carvalho Malta</a><br> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">emUniversidaMinasGerais</a><br>saúde coletiva  | 118     | 96          | 0.814               | 711       | 630         | 0.886               | 113003   | 95173       | 0.842               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total  | Last 5 year | Last 5 year / total |
| 2   | 24      | 59     | 3382  | <a href="#">Bruce Bartholow Duncan</a>                                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Diabetes   Cardiovascular disease   Obesity       | 117   | 77          | 0.658               | 326   | 259         | 0.794               | 105978 | 79263       | 0.748               |
| 5   | 25      | 62     | 3567  | <a href="#">Paulo Artaxo</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric aerosols   Amazonia   global climate change | 116   | 69          | 0.595               | 428   | 326         | 0.762               | 62528  | 23890       | 0.382               |
| 1   | 26      | 65     | 3753  | <a href="#">Fernando C Barros</a>  |  Brazil   | <a href="#">Universidade Católica de Pelotas</a>                | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>EPIDEMIOLOGIA  | 115   | 63          | 0.548               | 470   | 306         | 0.651               | 49745  | 19748       | 0.397               |
| 3   | 27      | 68     | 4062  | <a href="#">Maria Inês Schmidt</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Medicina   Epidemiologia   | 112   | 76          | 0.679               | 301   | 243         | 0.807               | 108414 | 80651       | 0.744               |
| 1   | 28      | 72     | 4648  | <a href="#">Philip M Fearnside</a>   |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>     | <a href="#">Natural Sciences / Biological Science</a><br>ecologia  | 109   | 64          | 0.587               | 459   | 259         | 0.564               | 47041  | 16276       | 0.346               |
| 1   | 29      | 73     | 4704  | <a href="#">José F Siqueira Jr</a>   |  Brazil   | <a href="#">Universidade Estácio de Sá</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Microbiologia Oral   Odontologia   Endodontics   Dentistry               | 109   | 69          | 0.633               | 296   | 250         | 0.845               | 39605  | 16254       | 0.410               |
| 1   | 30      | 75     | 4745  | <a href="#">Pedro C Hallal</a>   |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Universidade Pelotas</a><br>Physical activity   epidemiology   | 108   | 65          | 0.602               | 471   | 362         | 0.769               | 76725  | 38331       | 0.500               |
| 1   | 31      | 76     | 4790  | <a href="#">Sergio Tufik</a>   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Social Sciences / Psychology</a><br>Sono   Privação de Sono   REM   Distúrbios do Sono   Sonolência e Acidente                       | 108   | 58          | 0.537               | 904   | 573         | 0.634               | 55118  | 23061       | 0.418               |
| 1   | 32      | 77     | 4899  | <a href="#">Hans J Herrmann</a>  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">PMMHESPCParis</a><br>Complex Systems   Critical Phenomena   Granular Matter   Statistical Physics                                    | 108   | 48          | 0.444               | 590   | 297         | 0.503               | 40844  | 10466       | 0.256               |
| 6   | 33      | 78     | 5142  | <a href="#">Marco Bregant</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | IFP  | 106   | 86          | 0.811               | 326   | 294         | 0.902               | 56967  | 29204       | 0.513               |
| 7   | 34      | 79     | 5214  | <a href="#">Fernando De Queiroz Cunha</a>                                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Translacional Research Inflammatory Diseases   | 106   | 58          | 0.547               | 555   | 391         | 0.705               | 43718  | 15579       | 0.356               |
| 1   | 35      | 80     | 5322  | <a href="#">Elson Longo Elson Longo da Silva, E. Longo Silva, E. Longo</a> |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Physical Chemistry   Semiconductor Materials   Sensors   Varistors   Catalysis           | 105   | 56          | 0.533               | 1205  | 734         | 0.609               | 57490  | 23254       | 0.404               |














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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 36      | 82     | 5547  | <a href="#">Mauro Martins Teixeira</a>           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>inflammation   leukocyte recruitment   infection   anti-inflammatory drugs   clinical trials   | 104     | 64          | 0.615               | 601       | 428         | 0.712               | 45802    | 21872       | 0.478               |
| 8   | 37      | 83     | 5651  | <a href="#">Paulo Andrade Lotufo</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia cardiovascular   Epidemiologia do diabetes   Biomarcadores   Atenção Primária a Saúde                                      | 103     | 90          | 0.874               | 413       | 328         | 0.794               | 220341   | 157293      | 0.714               |
| 1   | 38      | 84     | 5802  | <a href="#">Mauricio L. Barreto</a>              |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Senior Investigator, FIOCRUZ and Emeritus Professor, Federal University of Bahia - UFBA.br</a><br>Public Health   Saúde Coletiva   Social Epidemiology   Health Inequalities   Social Determinants of Health | 103     | 63          | 0.612               | 501       | 344         | 0.687               | 40397    | 19002       | 0.470               |
| 1   | 39      | 86     | 6208  | <a href="#">Luiz Carlos Bresser Pereira</a>      |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomics   development macroeconomics   social theory   political theory   | 101     | 57          | 0.564               | 475       | 251         | 0.528               | 45215    | 14628       | 0.324               |
| 2   | 40      | 89     | 6369  | <a href="#">Bernardo Horta</a>                   |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 100     | 70          | 0.700               | 372       | 307         | 0.825               | 66367    | 41590       | 0.627               |
| 9   | 41      | 91     | 6947  | <a href="#">Jeremy Squire</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>PTEN prostate cancer   tissue microenvironment   TMPRSS2-ERG   immune response  | 98      | 42          | 0.429               | 332       | 165         | 0.497               | 51481    | 11552       | 0.224               |
| 2   | 42      | 92     | 7065  | <a href="#">Ricardo Gazzinelli</a>               |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology   parasitology   malaria  | 98      | 47          | 0.480               | 267       | 185         | 0.693               | 36355    | 8591        | 0.236               |
| 10  | 43      | 93     | 7093  | <a href="#">Antonio Carlos Oliveira Da Silva</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics  | 98      | 83          | 0.847               | 319       | 294         | 0.922               | 34089    | 23241       | 0.682               |
| 3   | 44      | 94     | 7106  | <a href="#">Tuula Salo</a>                       |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral  | 98      | 50          | 0.510               | 350       | 252         | 0.720               | 33006    | 9630        | 0.292               |
| 3   | 45      | 97     | 7174  | <a href="#">Aluisio JD Barros</a>                |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Universidade de Pelotas Brasil</a><br>Health equity   Lifecycle epidemiology   | 97      | 67          | 0.691               | 389       | 326         | 0.838               | 53833    | 34315       | 0.637               |
| 1   | 46      | 98     | 7223  | <a href="#">Eiji Tanaka</a>                      |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> |  | 97      | 46          | 0.474               | 670       | 364         | 0.543               | 43231    | 12766       | 0.295               |
| 5   | 47      | 99     | 7287  | <a href="#">João Rt De Mello Neto</a>            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Physics</a><br>Astroparticles   Neutrino Physics   High Energy Physics  | 97      | 52          | 0.536               | 217       | 135         | 0.622               | 37818    | 13594       | 0.359               |
















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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total  | Last 5 year | Last 5 year / total |
| 4   | 48      | 100    | 7315  | <a href="#">Carlos Ourivio Escobar</a>   |  Brazil   | Universidade Estadual de Campinas UNICAMP              | <a href="#">Natural Sciences / Physics</a><br>PARTICLE PHYSICS   QUANTUM PHYSICS   ASTROPARTICLOE PHYSICS   ATOMIC PHYSICS   MATHEMATICAL PHYSICS | 97    | 60          | 0.619               | 261   | 164         | 0.628               | 35782  | 11358       | 0.317               |
| 3   | 49      | 101    | 7526  | <a href="#">Ronald Cintra Shellard</a>   |  Brazil   | Brazilian Center for Research in Physics (CBPF)        | <a href="#">Natural Sciences / Physics</a><br>Physics   Astrophysics   Astronomy  | 96    | 45          | 0.469               | 330   | 124         | 0.376               | 42424  | 12993       | 0.306               |
| 11  | 50      | 103    | 7563  | <a href="#">Paulo Hilário Nascimento Saldiva</a>   |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Pathology</a>   | 96    | 59          | 0.615               | 553   | 349         | 0.631               | 38956  | 18982       | 0.487               |
| 1   | 51      | 104    | 7579  | <a href="#">Rui Curi</a><br>                    |  Brazil   | Universidade Cruzeiro do Sul                           | <a href="#">Medical and Health Sciences / Physiology</a><br>metabolism   immune function   nutrients  | 96    | 50          | 0.521               | 532   | 295         | 0.555               | 37899  | 13556       | 0.358               |
| 3   | 52      | 106    | 7761  | <a href="#">Ado Jorio</a>  |  Brazil   | Universidade Federal de Minas Gerais UFMG              | <a href="#">Natural Sciences / Physics</a><br>nanoscience   carbon   Raman spectroscopy   tip-enhanced Raman spectroscopy   near-field optics     | 95    | 51          | 0.537               | 221   | 156         | 0.706               | 54979  | 18913       | 0.344               |
| 1   | 53      | 107    | 7939  | <a href="#">Joao Batista Calixto</a><br>        |  Brazil   | Universidade Federal de Santa Catarina UFSC            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia   inflamacao   dor   produtos naturais       | 95    | 47          | 0.495               | 395   | 207         | 0.524               | 32933  | 9145        | 0.278               |
| 12  | 54      | 109    | 8369  | <a href="#">Isabela Bensenor</a>   |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia das doenças crônicas e dos sintomas                 | 93    | 85          | 0.914               | 397   | 332         | 0.836               | 120647 | 105442      | 0.874               |
| 3   | 55      | 110    | 8416  | <a href="#">Alexandre Redson Soares Da Silva</a>   |  Brazil | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">nMedicinVeterináriFMVZcampusBotu</a><br>Diagnóstico por Imagem  | 93    | 70          | 0.753               | 250   | 183         | 0.732               | 56022  | 27959       | 0.499               |
| 5   | 56      | 112    | 8523  | <a href="#">Nelson Durán</a>   |  Brazil | Universidade Estadual de Campinas UNICAMP              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanobiotechnology   | 93    | 61          | 0.656               | 411   | 233         | 0.567               | 37560  | 15486       | 0.412               |
| 1   | 57      | 113    | 8586  | <a href="#">João Paulo Domingos Silva</a><br> |  Brazil | Pontificia Universidade Católica do Minas Gerais       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence  | 93    | 70          | 0.753               | 299   | 217         | 0.726               | 34223  | 17817       | 0.521               |
| 4   | 58      | 114    | 8587  | <a href="#">José Arana Varela</a>  |  Brazil | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Natural Sciences / Physics</a><br>Materials Science   Ceramics   Física   Química   | 93    | 44          | 0.473               | 610   | 255         | 0.418               | 34210  | 9126        | 0.267               |



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| University  | Country | Region | World | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 59      | 115    | 8636  | <a href="#">Robson Augusto Souza Dos Santos</a>   |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Biological Science   Cardiovascular Physiology Renin-angiotensin system   Angiotensin-(1-7)   Cardiovascular System   Hypertension  | 93      | 51          | 0.548               | 378       | 274         | 0.725               | 31789    | 11996       | 0.377               |
| 1   | 60      | 121    | 9229  | <a href="#">Carlos Ricardo Soccol</a>             |    | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa</a><br>Biotechnology   Solid-State Fermentation   Microalgae   Coffee   Cocoa  | 91      | 63          | 0.692               | 409       | 300         | 0.733               | 36978    | 16739       | 0.453               |
| 4   | 61      | 124    | 9577  | <a href="#">Jairton Dupont</a>                    |    | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>líquidos iônicos  | 90      | 44          | 0.489               | 330       | 225         | 0.682               | 38441    | 8716        | 0.227               |
| 13  | 62      | 125    | 9629  | <a href="#">Janaina Michele De Oliveira Silva</a> |    | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Linguistics and Literature</a><br>Língua Portuguesa   Mídia   Análise do Discurso   Linguística   Educação.   | 90      | 72          | 0.800               | 249       | 191         | 0.767               | 34521    | 19512       | 0.565               |
| 1   | 63      | 127    | 9936  | <a href="#">Marcio AG Maia</a>                    |    | <a href="#">Observatorio Nacional</a>                           | <a href="#">Natural Sciences / Physics</a><br>Astronomy   astrophysics   cosmology  | 89      | 79          | 0.888               | 331       | 289         | 0.873               | 40894    | 31460       | 0.769               |
| 1   | 64      | 131    | 10228 | <a href="#">Mariangela Hungria</a>                |    | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Soja, Londrina, State of Paraná, Brazil</a><br>Biological nitrogen fixation   Soil microbiology   Microbial inoculants and inoculation   Taxonomy and phylogeny of rhizobia   Genom | 89      | 56          | 0.629               | 336       | 253         | 0.753               | 25649    | 11884       | 0.463               |
| 3   | 65      | 132    | 10234 | <a href="#">Edgar M Carvalho</a>                  |    | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology  | 89      | 43          | 0.483               | 338       | 209         | 0.618               | 25327    | 7374        | 0.291               |
| 1   | 66      | 134    | 10502 | <a href="#">Angelo Antonio Agostinho</a>          |    | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Fish Ecology   Fish Biology   Conservation Biology   Species introduction   Floodplain Ecology   | 88      | 50          | 0.568               | 295       | 206         | 0.698               | 30189    | 11406       | 0.378               |
| 1   | 67      | 137    | 10635 | <a href="#">Alessandro D Loguercio</a>            |  | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Adhesion bonding durability bleaching randomized clinical trial </a><br>Adhesion   bonding durability   bleaching   randomized clinical trial   | 88      | 57          | 0.648               | 365       | 314         | 0.860               | 24819    | 13298       | 0.536               |
| 2   | 68      | 139    | 10648 | <a href="#">Alessandra Reis</a>                   |  | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Adesão   Sistemas adesivos   Resina composta   Estudos clínicos  | 88      | 56          | 0.636               | 346       | 281         | 0.812               | 24003    | 12673       | 0.528               |
| 1   | 69      | 140    | 11121 | <a href="#">Odylio D Aguiar</a>                   |  | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">Natural Sciences / Physics</a><br>Gravitational Wave Detection  | 86      | 80          | 0.930               | 188       | 164         | 0.872               | 73173    | 61591       | 0.842               |
| 6   | 70      | 141    | 11315 | <a href="#">Fernando Cendes</a>                   |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Epilepsy   Neuroimaging   Neurology   Neuroscience  | 86      | 43          | 0.500               | 404       | 258         | 0.639               | 31147    | 11447       | 0.368               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 14  | 71      | 142    | 11365 | <a href="#">João Paulo Souza</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Social Sciences</a><br>Evidence for Action in Health   Knowledge Translation   Policy Development & Implementation   Scrum   Agile methods | 86    | 67          | 0.779               | 185   | 171         | 0.924               | 28715 | 17831       | 0.621               |
| 2   | 72      | 144    | 11545 | <a href="#">Isabela N Rôças</a>                |  Brazil   | <a href="#">Universidade Estácio de Sá</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Microbiologia Oral   Odontologia   Endodontics   Dentistry                                       | 86    | 57          | 0.663               | 192   | 163         | 0.849               | 22777 | 9726        | 0.427               |
| 15  | 73      | 145    | 11705 | <a href="#">Luisa Lina Villa</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>câncer   epidemiologia   biologia molecular   papilomavírus humano                                     | 85    | 45          | 0.529               | 316   | 230         | 0.728               | 35830 | 8644        | 0.241               |
| 1   | 74      | 146    | 11755 | <a href="#">Marcos N Eberlin</a>               |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>            | <a href="#">MackenziePresbyterianUniversityEngineering</a><br>Mass Spectrometry   (Bio)Chemistry and Origin of Life  | 85    | 48          | 0.565               | 663   | 397         | 0.599               | 32809 | 12569       | 0.383               |
| 2   | 75      | 148    | 11893 | <a href="#">Luiz HC Mattoso</a>                |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science   Nanotechnology   Polymer Science                         | 85    | 55          | 0.647               | 381   | 266         | 0.698               | 28197 | 14145       | 0.502               |
| 2   | 76      | 149    | 12136 | <a href="#">Marcio Constancio Junior</a>       |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">Natural Sciences / Physics</a><br>Ondas gravitacionais   LIGO  | 84    | 78          | 0.929               | 138   | 137         | 0.993               | 70191 | 59695       | 0.850               |
| 6   | 77      | 150    | 12178 | <a href="#">Wanderley Desouza</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Biophysics</a><br>Parasitology   Cell Biology  | 84    | 40          | 0.476               | 730   | 297         | 0.407               | 45086 | 15023       | 0.333               |
| 16  | 78      | 151    | 12317 | <a href="#">Luiz A Martinelli</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>biogeochemistry   stable isotopes   tropical forests  | 84    | 48          | 0.571               | 246   | 163         | 0.663               | 31547 | 11567       | 0.367               |
| 17  | 79      | 152    | 12459 | <a href="#">José Alexandre De Souza Crippa</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Psiquiatria  | 84    | 64          | 0.762               | 310   | 250         | 0.806               | 26924 | 15038       | 0.559               |
| 18  | 80      | 155    | 12869 | <a href="#">Marcelo Labruna</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Taxonomia de carrapatos e doenças transmitidas por carrapatos                                       | 83    | 53          | 0.639               | 499   | 404         | 0.810               | 30711 | 16060       | 0.523               |
| 7   | 81      | 156    | 13086 | <a href="#">Mario José Abdalla Saad</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">MédicasFCMUNICAMP</a><br>Diabetes   Obesidade   Resistência à Insulina   | 83    | 43          | 0.518               | 253   | 150         | 0.593               | 25014 | 8012        | 0.320               |
| 19  | 82      | 157    | 13160 | <a href="#">Francisco Silveira Guimaraes</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | Neuropsychopharmacology  | 83    | 50          | 0.602               | 312   | 201         | 0.644               | 23319 | 9811        | 0.421               |
| 5   | 83      | 158    | 13599 | <a href="#">Silvia H Koller</a>                |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>Psychology   | 82    | 51          | 0.622               | 312   | 219         | 0.702               | 25919 | 10525       | 0.406               |













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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 84      | 159    | 13917 | <a href="#">Marcos Lima</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Physics   Astrophysics   Cosmology   | 81      | 71          | 0.877               | 241       | 236         | 0.979               | 36409    | 25094       | 0.689               |
| 1   | 85      | 161    | 14394 | <a href="#">Felipe Dal Pizzol</a><br> |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>   | <a href="#">UniversidExtremoSulCatarinense</a><br>sepsis   inflammation   brain dysfunction   antioxidants   | 81      | 47          | 0.580               | 346       | 233         | 0.673               | 20976    | 8828        | 0.421               |
| 5   | 86      | 162    | 14439 | <a href="#">Antonio Luiz P Ribeiro</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   Chagas disease   Electrocardiography   Cardiovascular epidemiology   Telemedicine   | 80      | 66          | 0.825               | 410       | 310         | 0.756               | 94330    | 78787       | 0.835               |
| 21  | 87      | 167    | 14823 | <a href="#">Berenice Bilharinho De Mendonça</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia e Metabolologia   | 80      | 44          | 0.550               | 380       | 226         | 0.595               | 24793    | 8355        | 0.337               |
| 6   | 88      | 168    | 14877 | <a href="#">Diogo O Souza</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   neuroscience   bioenergetics and brain guanosine.                               | 80      | 42          | 0.525               | 419       | 224         | 0.535               | 23869    | 7504        | 0.314               |
| 8   | 89      | 169    | 14936 | <a href="#">Jaime A Cury</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>cárie   flúor   | 80      | 41          | 0.513               | 282       | 193         | 0.684               | 22817    | 7800        | 0.342               |
| 4   | 90      | 170    | 14942 | <a href="#">Maria DO Carmo Leal</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Fundação Oswaldo Cruz</a><br>saúde   | 80      | 51          | 0.638               | 264       | 181         | 0.686               | 22678    | 10794       | 0.476               |
| 2   | 91      | 171    | 14957 | <a href="#">Adair Roberto Soares Dos Santos</a>  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | Neurobiologia da dor e inflamação  | 80      | 40          | 0.500               | 309       | 233         | 0.754               | 22365    | 7915        | 0.354               |
| 5   | 92      | 173    | 15037 | <a href="#">Patricia T Bozza</a>   |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Inflammation   Lipid droplets   Metabolism   Platelets                              | 80      | 49          | 0.613               | 247       | 191         | 0.773               | 20780    | 9358        | 0.450               |
| 7   | 93      | 174    | 15059 | <a href="#">Rodrigo A Pereira</a>  |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Data Engineer   Signal Processing   Particle Physics   High Energy | 80      | 80          | 1.000               | 163       | 163         | 1.000               | 20173    | 20013       | 0.992               |
| 22  | 94      | 175    | 15576 | <a href="#">Wagner F Gattaz</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Schizophrenia   Alzheimer´s Disease   Depression   Brain Development                             | 79      | 41          | 0.519               | 333       | 183         | 0.550               | 23124    | 8141        | 0.352               |
| 2   | 95      | 176    | 15597 | <a href="#">Araldo Lopes Colombo</a>   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Diagnóstico e Tratamento de infecções fúngicas               | 79      | 52          | 0.658               | 215       | 160         | 0.744               | 22734    | 10545       | 0.464               |

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| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 23  | 96      | 180    | 15819 | <a href="#">Jose Carlos Nicolau</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical</a><br>Medicine  | 78      | 58          | 0.744               | 231       | 162         | 0.701               | 51125    | 28916       | 0.566               |
| 6   | 97      | 181    | 15881 | <a href="#">Marcos A Pimenta</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>Condensed mater physics   Raman spectroscopy   nanotubes   graphene  | 78      | 46          | 0.590               | 182       | 102         | 0.560               | 36355    | 13362       | 0.368               |
| 5   | 98      | 182    | 15959 | <a href="#">Célio FB Haddad</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Amphibians   Ecology   Behavior   Conservation   Evolution  | 78      | 46          | 0.590               | 343       | 246         | 0.717               | 30060    | 11167       | 0.371               |
| 24  | 99      | 183    | 16029 | <a href="#">Alessandro Gandini</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>polymers from renewable resources   photochemistry and photophysics   polymerization mechanisms   polymer properties   physical chem | 78      | 48          | 0.615               | 292       | 166         | 0.568               | 27736    | 10153       | 0.366               |
| 25  | 100     | 184    | 16301 | <a href="#">Peter Pearson</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular diagnosis   Human Reproduction   Genomics   Computer modelling of ovarian ageing                            | 78      | 19          | 0.244               | 245       | 45          | 0.184               | 22249    | 1826        | 0.082               |
| 9   | 101     | 185    | 16362 | <a href="#">Lauro Tatsuo Kubota</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Electrochemistry   Bioanalytical   Sensors  | 78      | 41          | 0.526               | 334       | 158         | 0.473               | 21128    | 6328        | 0.300               |
| 5   | 102     | 186    | 16515 | <a href="#">Rosely Sichieri</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">IMSUERJ</a>  | 77      | 44          | 0.571               | 283       | 178         | 0.629               | 68929    | 33125       | 0.481               |
| 2   | 103     | 187    | 16601 | <a href="#">Paulo Sérgio Boggio</a>         |  Brazil  | <a href="#">Universidade Presbiteriana Mackenzie</a>                   | <a href="#">Social Sciences / Psychology</a><br>Neuroscience   Cognition   Psychology  | 77      | 56          | 0.727               | 155       | 141         | 0.910               | 34731    | 17814       | 0.513               |
| 26  | 104     | 189    | 16773 | <a href="#">Beatriz Barbuy</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>astrophysics   | 77      | 40          | 0.519               | 278       | 135         | 0.486               | 25884    | 7786        | 0.301               |
| 7   | 105     | 190    | 16786 | <a href="#">Sandhi Maria Barreto</a>        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia de Doenças Crônicas Não Transmissíveis   | 77      | 48          | 0.623               | 295       | 228         | 0.773               | 25557    | 11044       | 0.432               |
| 1   | 106     | 193    | 16879 | <a href="#">Ulysses Paulino Albuquerque</a> |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">UniversidPernambuco</a><br>cultural evolution   conservation science   ethnobiology   biodiversity   human ecology   | 77      | 54          | 0.701               | 319       | 262         | 0.821               | 23829    | 11502       | 0.483               |
| 4   | 107     | 195    | 17140 | <a href="#">Flavio Fernando Demarco</a>     |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Vice Dean for Researchand InnovationUniversidaê!</a><br>Oral Health   Epidemiology   Clinical trials   Pulp tissue engineering   | 77      | 51          | 0.662               | 286       | 235         | 0.822               | 19262    | 10596       | 0.550               |

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| 1   | 108     | 196    | 17225 | <a href="#">Dermeval Saviani</a><br>                      | <br>Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>          | <a href="#">Education / Education</a><br>Pedagogia, Filosofia da Educação, História da Educação.  | 76      | 58          | 0.763               | 210       | 146         | 0.695               | 55183    | 22004       | 0.399               |
| 27  | 109     | 197    | 17330 | <a href="#">Raul D Santos</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiology   endocrinology   nutrition  | 76      | 57          | 0.750               | 287       | 213         | 0.742               | 31126    | 18626       | 0.598               |
| 10  | 110     | 199    | 17441 | <a href="#">Flávia Sobreira</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Physics</a><br>física   astronomia   cosmologia  | 76      | 72          | 0.947               | 217       | 214         | 0.986               | 26633    | 23370       | 0.877               |
| 2   | 111     | 200    | 17639 | <a href="#">Marcelo Tabarelli</a>  | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Natural Sciences / Biological Science</a><br>tropical ecology   conservation biology  | 76      | 55          | 0.724               | 196       | 158         | 0.806               | 22452    | 11406       | 0.508               |
| 11  | 112     | 201    | 17789 | <a href="#">Anibal Eugenio Vercesi</a>   | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioenergética Mitocondrial   Homeostase de cálcio   Metabolismo                               | 76      | 31          | 0.408               | 236       | 119         | 0.504               | 20230    | 4407        | 0.218               |
| 7   | 113     | 202    | 17792 | <a href="#">Eder Lima</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Environmental Sciences   Material Chemistry   Chemical Engineering   Physical-Chemistry | 76      | 64          | 0.842               | 236       | 206         | 0.873               | 20206    | 13047       | 0.646               |
| 1   | 114     | 205    | 18054 | <a href="#">Alvaro A Cruz</a><br>                         | <br>Brazil   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">ProARBahi</a><br>asma   rinite alérgica   saúde pública   | 75      | 53          | 0.707               | 264       | 189         | 0.716               | 34489    | 15927       | 0.462               |
| 1   | 115     | 211    | 18219 | <a href="#">José Alexandre Felizola Diniz Filho</a><br> | <br>Brazil | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Natural Sciences / Biological Science</a><br>biogeography   macroecology   comparative methods   conservation planning   spatial statistics     | 75      | 47          | 0.627               | 307       | 207         | 0.674               | 25903    | 10233       | 0.395               |
| 28  | 116     | 212    | 18236 | <a href="#">Jean Paul Metzger</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Landscape Ecology   Biological Conservation   Fragmentation   Connectivity   Restoration Ecology   | 75      | 52          | 0.693               | 182       | 149         | 0.819               | 25456    | 13468       | 0.529               |
| 3   | 117     | 215    | 18517 | <a href="#">Robert Boddey</a>  | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Agrobiologia</a><br>Ciclagem de Nutrientes  | 75      | 46          | 0.613               | 199       | 120         | 0.603               | 20896    | 7470        | 0.357               |
| 29  | 118     | 217    | 18588 | <a href="#">Ernesto Gonzalez</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroquímica   Físico-Química   Energia  | 75      | 34          | 0.453               | 206       | 96          | 0.466               | 20177    | 4476        | 0.222               |
| 3   | 119     | 220    | 18809 | <a href="#">Diego Augusto Santos Silva</a>   | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Kinesiology   Physical Activity   Epidemiology   Body Composition   Public Health            | 74      | 61          | 0.824               | 265       | 221         | 0.834               | 98037    | 86324       | 0.881               |

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| University  | Country | Region | World | Name                                     | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 30  | 120     | 225    | 19017 | <a href="#">Oswaldo N Oliveira Jr</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Physics   nanotechnology   computational linguistics   organic electronics  | 74      | 44          | 0.595               | 541       | 268         | 0.495               | 26648    | 10206       | 0.383               |
| 31  | 121     | 226    | 19192 | <a href="#">Zatz M</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética humana e células-tronco   | 74      | 38          | 0.514               | 281       | 132         | 0.470               | 22854    | 6157        | 0.269               |
| 2   | 122     | 227    | 19208 | <a href="#">Luis Mauricio Bini</a>       |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Limnology   Macroecology   | 74      | 47          | 0.635               | 237       | 167         | 0.705               | 22539    | 8443        | 0.375               |
| 8   | 123     | 228    | 19216 | <a href="#">Geraldo Wilson Fernandes</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Climate change   Conservation Biology   Plant resistance   Plant-animal interactions                   | 74      | 50          | 0.676               | 371       | 248         | 0.668               | 22442    | 11148       | 0.497               |
| 1   | 124     | 230    | 19298 | <a href="#">Pedro A. Lemos</a>           |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia Intervencionista  | 74      | 40          | 0.541               | 235       | 119         | 0.506               | 21544    | 6496        | 0.302               |
| 32  | 125     | 231    | 19319 | <a href="#">Jaime E Hallak</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Psiquiatria   Neurociências   | 74      | 57          | 0.770               | 265       | 216         | 0.815               | 21289    | 13088       | 0.615               |
| 33  | 126     | 232    | 19342 | <a href="#">Emerson Franchini</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Science   Sports Physiology   Sports Performance   Exercise Physiology   Combat Sports              | 74      | 57          | 0.770               | 306       | 252         | 0.824               | 21029    | 12190       | 0.580               |
| 9   | 127     | 233    | 19609 | <a href="#">Saul Paiva</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Epidemiologia   Saúde Coletiva   | 74      | 50          | 0.676               | 311       | 267         | 0.859               | 16783    | 9967        | 0.594               |
| 6   | 128     | 234    | 19653 | <a href="#">Angelo De Souza Santos</a>   |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Computação   Física Experimental  | 74      | 29          | 0.392               | 160       | 88          | 0.550               | 14236    | 2814        | 0.198               |
| 34  | 129     | 237    | 19917 | <a href="#">Andre Russowsky Brunoni</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>non-invasive brain stimulation   repetitive transcranial magnetic stimulation   transcranial direct current stimulation   major dep | 73      | 60          | 0.822               | 248       | 230         | 0.927               | 25391    | 18614       | 0.733               |
| 35  | 130     | 238    | 20095 | <a href="#">Jose E Krieger</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a>   | 73      | 39          | 0.534               | 365       | 213         | 0.584               | 22137    | 8580        | 0.388               |
| 8   | 131     | 239    | 20135 | <a href="#">Marcio Nucci</a>             |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>Infectious complications of cancer and bone marrow transplantation   medical mycology   | 73      | 46          | 0.630               | 195       | 137         | 0.703               | 21654    | 9122        | 0.421               |
| 36  | 132     | 240    | 20162 | <a href="#">Antonio Waldo Zuardi</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry  | 73      | 54          | 0.740               | 207       | 155         | 0.749               | 21343    | 10929       | 0.512               |









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|---|---------|--------|-------|--|---|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 133     | 241    | 20170 | <a href="#">Roberto Pecoits Filho</a>                    |    | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nephrology   Internal Medicine   | 73      | 48          | 0.658               | 273       | 196         | 0.718               | 21272    | 10661       | 0.501               |
| 37  | 134     | 243    | 20197 | <a href="#">Edimar Bocchi</a>                            |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia  | 73      | 41          | 0.562               | 270       | 130         | 0.481               | 20938    | 9961        | 0.476               |
| 9   | 135     | 244    | 20212 | <a href="#">Fabiano Thompson</a>                         |    | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanography   microbiology   reefs   omics                                    | 73      | 48          | 0.658               | 218       | 182         | 0.835               | 20826    | 9665        | 0.464               |
| 12  | 136     | 245    | 20323 | <a href="#">José Guilherme Cecatti</a>                   |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a>  | 73      | 50          | 0.685               | 285       | 195         | 0.684               | 19668    | 9813        | 0.499               |
| 3   | 137     | 246    | 20366 | <a href="#">Gauss M Cordeiro Gauss Moutinho Cordeiro</a> |    | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Mathematics</a><br>Mathematics   Statistics   | 73      | 54          | 0.740               | 298       | 211         | 0.708               | 19162    | 11138       | 0.581               |
| 38  | 138     | 248    | 20403 | <a href="#">Euripedes Constantino Miguel</a>             |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   | 73      | 46          | 0.630               | 242       | 183         | 0.756               | 18787    | 8516        | 0.453               |
| 39  | 139     | 249    | 20427 | <a href="#">Ricardo Ribeiro Rodrigues</a>                |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia e Restauração Florestal  | 73      | 41          | 0.562               | 288       | 171         | 0.594               | 18505    | 7406        | 0.400               |
| 8   | 140     | 250    | 20523 | <a href="#">Adriano Brandelli</a>                        |   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Bioactive peptides   Nanotechnology   Biotechnology                             | 73      | 50          | 0.685               | 274       | 215         | 0.785               | 17367    | 8515        | 0.490               |
| 10  | 141     | 252    | 20775 | <a href="#">Mauro Schechter</a>                          |  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Medicine  | 72      | 40          | 0.556               | 160       | 81          | 0.506               | 31036    | 9586        | 0.309               |
| 2   | 142     | 253    | 20834 | <a href="#">Ricardo Ogando</a>                           |  | <a href="#">Observatorio Nacional</a>                                  | <a href="#">Natural Sciences / Physics</a><br>Astrophysics   Galaxy Clusters   Programming   | 72      | 67          | 0.931               | 196       | 180         | 0.918               | 27818    | 21601       | 0.777               |
| 40  | 143     | 255    | 20938 | <a href="#">Vanderlei Salvador Bagnato</a>               |  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>fisica   biofônica   | 72      | 47          | 0.653               | 446       | 251         | 0.563               | 24464    | 9460        | 0.387               |
| 7   | 144     | 258    | 21253 | <a href="#">Sidney JI Ribeiro</a>                        |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry   Chemistry of Materials   Education in Chemistry   Photonic Materials   Biopolymers | 72      | 44          | 0.611               | 370       | 246         | 0.665               | 19732    | 8728        | 0.442               |

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| University  | Country | Region | World | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 145     | 259    | 21437 | <a href="#">Aldo Ângelo Moreira Lima</a>            | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>                   | Global Health and Tropical Diseases   Infectious Diseases and Pharmacology   Enteric Infection   Malnutrition and Environmental Ent  | 72      | 40          | 0.556               | 216       | 139         | 0.644               | 18049    | 7583        | 0.420               |
| 4   | 146     | 260    | 21449 | <a href="#">Segundo Urquiaga</a>                    | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Pesquisador 1A da Embrapa Agrobiologia</a><br>Ciência do solo  | 72      | 44          | 0.611               | 224       | 134         | 0.598               | 17978    | 6349        | 0.353               |
| 6   | 147     | 261    | 21468 | <a href="#">Rodrigo Correa</a>                      | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ciências Biológicas   | 72      | 34          | 0.472               | 297       | 155         | 0.522               | 17843    | 5075        | 0.284               |
| 7   | 148     | 262    | 21487 | <a href="#">Fernando A. Bozza</a>                   | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Senior Scientist, Oswaldo Cruz Foundation (FIOCRUZ), and IDOR, Rio de Janeiro, Brazil</a><br>Medicine   Critical Care   Infectious Diseases   Inflammation   Sepsis    | 72      | 56          | 0.778               | 192       | 177         | 0.922               | 17530    | 12012       | 0.685               |
| 1   | 149     | 263    | 21568 | <a href="#">João Antonio Pegas Henriques</a>        | <br>Brazil   | <a href="#">Universidade de Caxias do Sul</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>genotoxicidade   mutagenesis   Danos no DNA   reparo de células eucarióticas   genética molecular de microorganismos | 72      | 38          | 0.528               | 287       | 169         | 0.589               | 16594    | 5950        | 0.359               |
| 8   | 150     | 264    | 21586 | <a href="#">Aldina Barral</a>                       | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">FIOCRUZ</a><br>Parasitologia   Imunologia  | 72      | 30          | 0.417               | 235       | 156         | 0.664               | 16158    | 4042        | 0.250               |
| 9   | 151     | 267    | 21893 | <a href="#">Thaisa Storchi Bergmann</a>             | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Astrofísica  | 71      | 40          | 0.563               | 197       | 149         | 0.756               | 24549    | 10940       | 0.446               |
| 9   | 152     | 270    | 22601 | <a href="#">Manoel Barral Netto</a>                 | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Infectious Diseases   Digital Health  | 71      | 33          | 0.465               | 221       | 143         | 0.647               | 15844    | 5606        | 0.354               |
| 41  | 153     | 272    | 22661 | <a href="#">Orestes Vicente Forlenza</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria Geriátrica   Neurociências   | 71      | 42          | 0.592               | 196       | 153         | 0.781               | 14227    | 6230        | 0.438               |
| 42  | 154     | 276    | 22875 | <a href="#">Vitor De Souza</a>                      | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Astroparticle physics  | 70      | 49          | 0.700               | 182       | 130         | 0.714               | 26559    | 12101       | 0.456               |
| 43  | 155     | 277    | 22895 | <a href="#">Alicia Matijasevich Manitto</a>         | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MedicinMedicinEMP&amp;E</a>  | 70      | 53          | 0.757               | 254       | 215         | 0.846               | 25803    | 18149       | 0.703               |
| 1   | 156     | 278    | 22947 | <a href="#">Sebastiao De Campos Valadares Filho</a> | <br>Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Ciência animal  | 70      | 34          | 0.486               | 485       | 165         | 0.340               | 23950    | 6896        | 0.288               |
| 3   | 157     | 279    | 22948 | <a href="#">Luiz Aragao</a>                         | <br>Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">National Institute for Space Research</a><br>Tropical forest functioning   carbon cycle   environmental change   remote sensing  | 70      | 61          | 0.871               | 190       | 179         | 0.942               | 23933    | 15520       | 0.648               |





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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 13  | 158     | 280    | 22962 | <a href="#">Ernesto Kemp</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Natural Sciences / Physics</a><br>Física de Astropartículas   Neutrinos   Raios Cósmicos   Detectores   Métodos Estatísticos    | 70    | 47          | 0.671               | 148   | 108         | 0.730               | 23620 | 9517        | 0.403               |
| 3   | 159     | 284    | 23205 | <a href="#">Jair Mari</a>                    |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Psiquiátrica                                  | 70    | 38          | 0.543               | 269   | 155         | 0.576               | 19765 | 6743        | 0.341               |
| 10  | 160     | 285    | 23353 | <a href="#">Sergio D Pena</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Human genetics   genomics   population genetics                               | 70    | 34          | 0.486               | 219   | 93          | 0.425               | 18318 | 3943        | 0.215               |
| 44  | 161     | 286    | 23442 | <a href="#">Franco Maria Lajolo</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Ciências dos Alimentos   Nutrição                   | 70    | 44          | 0.629               | 241   | 144         | 0.598               | 17656 | 6187        | 0.350               |
| 4   | 162     | 287    | 23535 | <a href="#">Luiz R Travassos</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Experimental Oncology   Immunology   Biochemistry   Mycology         | 70    | 27          | 0.386               | 227   | 122         | 0.537               | 16827 | 3457        | 0.205               |
| 45  | 163     | 289    | 23648 | <a href="#">Manoel Damião Sousa Neto</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Endodontia   | 70    | 46          | 0.657               | 248   | 166         | 0.669               | 15834 | 7086        | 0.448               |
| 46  | 164     | 291    | 23973 | <a href="#">Paulo Rossi Menezes</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatric Epidemiology   Global MentalHealth                                  | 69    | 43          | 0.623               | 227   | 170         | 0.749               | 26164 | 10305       | 0.394               |
| 47  | 165     | 292    | 24080 | <a href="#">Manoel Jacobsen Teixeira</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia   Neurocirurgia   Neurocirurgia Funcional   Dor   Movimentos anormais | 69    | 44          | 0.638               | 516   | 316         | 0.612               | 22420 | 10728       | 0.479               |
| 14  | 166     | 293    | 24342 | <a href="#">Glauca Bovi Ambrosano</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   | 69    | 39          | 0.565               | 372   | 253         | 0.680               | 18853 | 8123        | 0.431               |
| 2   | 167     | 294    | 24358 | <a href="#">Leandro Dos Santos Coelho</a>    |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine learning   Deep learning   Computational Intelligence.           | 69    | 49          | 0.710               | 246   | 161         | 0.654               | 18666 | 10277       | 0.551               |
| 48  | 168     | 295    | 24403 | <a href="#">Paolo Di Mascio</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">UniversidSÃO Paulo</a>  | 69    | 37          | 0.536               | 194   | 124         | 0.639               | 18406 | 5691        | 0.309               |
| 10  | 169     | 297    | 24515 | <a href="#">Jose Claudio Fonseca Moreira</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biologia Molecular   Bioquímica ecologica   Biologia de sistemas | 69    | 44          | 0.638               | 329   | 211         | 0.641               | 17469 | 7848        | 0.449               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 170     | 298    | 24596 | <a href="#">Sergio T Ferreira</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Biophysics</a><br>Alzheimer's disease   neurodegenerative disorders   dementia               | 69      | 46          | 0.667               | 163       | 112         | 0.687               | 16868    | 7976        | 0.473               |
| 15  | 171     | 299    | 24646 | <a href="#">Ivan Szizima</a>                                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Campinas</a><br>Natural history   animal biology   conservation biology  | 69      | 36          | 0.522               | 279       | 149         | 0.534               | 16528    | 4876        | 0.295               |
| 4   | 172     | 302    | 24839 | <a href="#">Ana Lucia Severo Rodrigues</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Neurochemistry   | 69      | 43          | 0.623               | 214       | 194         | 0.907               | 14157    | 6750        | 0.477               |
| 49  | 173     | 303    | 24953 | <a href="#">Carlos Roberto Ribeiro De Carvalho Carvalho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Medicina Respiratória e Terapia Intensiva                              | 68      | 45          | 0.662               | 369       | 214         | 0.580               | 37480    | 15747       | 0.420               |
| 11  | 174     | 304    | 25144 | <a href="#">Vasco Ariston De Carvalho Azevedo</a>           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genome   transcriptome   proteome                               | 68      | 47          | 0.691               | 388       | 284         | 0.732               | 23740    | 10526       | 0.443               |
| 11  | 175     | 305    | 25285 | <a href="#">Basílio Xavier Santiago</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Astrofísica  | 68      | 55          | 0.809               | 168       | 119         | 0.708               | 21496    | 13747       | 0.640               |
| 50  | 176     | 308    | 25328 | <a href="#">Hellmut Eckert</a>                              |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Sao Paulo</a><br>Nuclear magnetic resonance  | 68      | 35          | 0.515               | 420       | 200         | 0.476               | 20697    | 6334        | 0.306               |
| 3   | 177     | 309    | 25524 | <a href="#">Antonio Gomes Souza Filho</a>                   |  Brazil | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Natural Sciences / Physics</a><br>Nanoscience   Condensed Matter Physics   Raman Spectroscopy   High pressure   Nanocarbon | 68      | 38          | 0.559               | 202       | 129         | 0.639               | 18452    | 5522        | 0.299               |
| 16  | 178     | 312    | 25639 | <a href="#">Sinhoreti MA</a>                                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Composite   Adhesive systems                                    | 68      | 40          | 0.588               | 372       | 226         | 0.608               | 17586    | 7207        | 0.410               |
| 51  | 179     | 313    | 25682 | <a href="#">Carlos Eduardo Negrão</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Education / Education</a><br>Exercício   Insuficiência Cardíaca   Síndrome Metabólica   Hipertensão                        | 68      | 35          | 0.515               | 205       | 142         | 0.693               | 17251    | 5535        | 0.321               |
| 17  | 180     | 314    | 25719 | <a href="#">Marilisa Berti De Azevedo Barros</a>            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Saúde Coletiva   | 68      | 45          | 0.662               | 249       | 178         | 0.715               | 17013    | 8052        | 0.473               |

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| University  | Country | Region | World | Name   | Country   | University                                  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 12  | 181     | 315    | 25727 | <a href="#">Gilberto Medeiros Ribeiro</a>    |    | Universidade Federal de Minas Gerais UFMG   |   | 68      | 31          | 0.456               | 144       | 62          | 0.431               | 16969    | 3917        | 0.231               |
| 52  | 182     | 317    | 25816 | <a href="#">Marco Antonio Hungaro Duarte</a> |    | Universidade de São Paulo USP               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   | 68      | 48          | 0.706               | 292       | 234         | 0.801               | 16287    | 9251        | 0.568               |
| 18  | 183     | 318    | 25899 | <a href="#">Glauca Maria Pastore</a>         |    | Universidade Estadual de Campinas UNICAMP   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>alimentos funcionais   | 68      | 47          | 0.691               | 222       | 185         | 0.833               | 15726    | 8584        | 0.546               |
| 53  | 184     | 319    | 25922 | <a href="#">Geraldo Busatto</a>              |    | Universidade de São Paulo USP               | <a href="#">Medical and Health Sciences / Psychiatry</a>  | 68      | 43          | 0.632               | 227       | 154         | 0.678               | 15525    | 7823        | 0.504               |
| 4   | 185     | 320    | 25994 | <a href="#">Jorg Heukelbach</a>              |    | Universidade Federal do Ceará               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology and Control of Neglected Tropical Diseases                                     | 68      | 41          | 0.603               | 218       | 161         | 0.739               | 14979    | 6276        | 0.419               |
| 54  | 186     | 322    | 26028 | <a href="#">Reynaldo Luiz Victoria</a>       |    | Universidade de São Paulo USP               | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>isotopos estaveis   biogeoquimica   ecologia de sistemas  | 68      | 31          | 0.456               | 168       | 76          | 0.452               | 14557    | 2861        | 0.197               |
| 55  | 187     | 326    | 26239 | <a href="#">Gustavo Henrique Goldman</a>     |    | Universidade de São Paulo USP               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular biology and genetics of fungi  | 67      | 44          | 0.657               | 248       | 168         | 0.677               | 29410    | 12989       | 0.442               |
| 56  | 188     | 327    | 26264 | <a href="#">Laura Helena Andrade</a>         |   | Universidade de São Paulo USP               | <a href="#">Medical and Health Sciences / Psychiatry</a><br>psychiatry   psychiatric epidemiology   | 67      | 48          | 0.716               | 154       | 120         | 0.779               | 27908    | 14656       | 0.525               |
| 2   | 189     | 328    | 26285 | <a href="#">Niro Higuchi</a>                 |  | Instituto Nacional de Pesquisas da Amazonia | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>forest   floresta   biomassa   | 67      | 47          | 0.701               | 196       | 138         | 0.704               | 26634    | 10352       | 0.389               |
| 57  | 190     | 329    | 26303 | <a href="#">Edivaldo Moura Santos</a>        |  | Universidade de São Paulo USP               | <a href="#">Natural Sciences / Physics</a><br>Física de partículas   Astrofísica   Cosmologia   | 67      | 46          | 0.687               | 138       | 103         | 0.746               | 25670    | 12227       | 0.476               |
| 58  | 191     | 331    | 26538 | <a href="#">Ricardo Nittrini</a>             |  | Universidade de São Paulo USP               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>distúrbios cognitivos   demência   memória  | 67      | 46          | 0.687               | 293       | 191         | 0.652               | 20433    | 9159        | 0.448               |
| 13  | 192     | 332    | 26668 | <a href="#">Antonio Loureiro</a>             |  | Universidade Federal de Minas Gerais UFMG   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Distributed Systems   Ubiquitous Computing   Sensor Networks   Distributed Algorithms   Embedded Systems | 67      | 42          | 0.627               | 311       | 180         | 0.579               | 18926    | 7546        | 0.399               |
| 59  | 193     | 333    | 26696 | <a href="#">Albert GJ Tacon</a>              |  | Universidade de São Paulo USP               | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>aquatic feeds   nutrition   aquaculture   feeds and feeding   food security                                       | 67      | 36          | 0.537               | 141       | 94          | 0.667               | 18543    | 6431        | 0.347               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 194     | 334    | 26709 | <a href="#">Dario Grattapaglia</a>             |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Genomics   Breeding  | 67      | 38          | 0.567               | 138       | 97          | 0.703               | 18439    | 5563        | 0.302               |
| 60  | 195     | 335    | 26725 | <a href="#">Maria Rita Passos Bueno</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetica   desenvolvimento   genomica   | 67      | 34          | 0.507               | 240       | 129         | 0.538               | 18319    | 6047        | 0.330               |
| 61  | 196     | 336    | 26790 | <a href="#">Jorge Kalil HC</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a>   | 67      | 38          | 0.567               | 322       | 181         | 0.562               | 17707    | 6166        | 0.348               |
| 4   | 197     | 337    | 26868 | <a href="#">Ulisses Barres De Almeida</a>      |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Natural Sciences / Physics</a><br>Astroparticle Physics   High-Energy Astrophysics   Gamma-ray Astronomy   | 67      | 45          | 0.672               | 163       | 140         | 0.859               | 17100    | 7982        | 0.467               |
| 10  | 198     | 339    | 26931 | <a href="#">Mitermayer Reis</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Pesquisador de Saúde Pública, Fundação Oswaldo Cruz</a><br>Saúde   | 67      | 42          | 0.627               | 250       | 162         | 0.648               | 16633    | 6730        | 0.405               |
| 62  | 199     | 340    | 26963 | <a href="#">Eloisa Bonfa</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Rheumatology</a>   | 67      | 40          | 0.597               | 317       | 238         | 0.751               | 16412    | 7496        | 0.457               |
| 2   | 200     | 341    | 26999 | <a href="#">Edgar Dutra Zanotto</a>            |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>glass   glass-ceramics   crystallization   nucleation   bioglass | 67      | 43          | 0.642               | 283       | 222         | 0.784               | 16265    | 8233        | 0.506               |
| 1   | 201     | 344    | 27203 | <a href="#">Antônio Augusto Moura Da Silva</a> |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   saúde pública   saúde perinatal                              | 67      | 35          | 0.522               | 264       | 136         | 0.515               | 14840    | 5449        | 0.367               |
| 2   | 202     | 345    | 27260 | <a href="#">Marcos Deon Vilela De Resende</a>  |  Brazil  | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Estatística   Biometria   Matemática   Genética Quantitativa   Genética de Populações | 67      | 38          | 0.567               | 228       | 140         | 0.614               | 14397    | 6739        | 0.468               |
| 1   | 203     | 346    | 27796 | <a href="#">Mercedes Bustamante</a>            |  Brazil | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de Ecossistemas  | 66      | 46          | 0.697               | 130       | 109         | 0.838               | 19854    | 10901       | 0.549               |
| 1   | 204     | 347    | 27798 | <a href="#">Cristina W Nogueira</a>            |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   | 66      | 31          | 0.470               | 369       | 200         | 0.542               | 19838    | 6518        | 0.329               |
| 63  | 205     | 350    | 27900 | <a href="#">João Lúcio Azevedo</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Biodiversidade   microbiologia   genética de micro-organismos  | 66      | 41          | 0.621               | 263       | 156         | 0.593               | 18472    | 6918        | 0.375               |
| 11  | 206     | 351    | 27942 | <a href="#">Filipe Dantas-Torres</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Parasitologia Veterinaria e Saúde Pública   | 66      | 46          | 0.697               | 267       | 221         | 0.828               | 18056    | 9661        | 0.535               |
| 12  | 207     | 352    | 27977 | <a href="#">francisco bastos</a>               |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>public health   substance misuse   | 66      | 33          | 0.500               | 261       | 123         | 0.471               | 17741    | 5531        | 0.312               |

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| University  | Country | Region | World | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 208     | 353    | 28140 | <a href="#">Denise Gigante</a>   |    | <a href="#">Universidade Federal de Pelotas UFPEL</a>     | <a href="#">UniversidPelotas</a><br>Nutrição   Epidemiologia   | 66      | 38          | 0.576               | 231       | 152         | 0.658               | 16547    | 6754        | 0.408               |
| 64  | 209     | 354    | 28152 | <a href="#">Edson A Ticianelli</a>   |    | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemistry   | 66      | 32          | 0.485               | 195       | 116         | 0.595               | 16411    | 4006        | 0.244               |
| 65  | 210     | 355    | 28154 | <a href="#">Marilia Afonso Rabelo Buzalaf</a>  |    | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Oral   Cariologia   Erosao dentária   Proteomica  | 66      | 43          | 0.652               | 326       | 228         | 0.699               | 16407    | 8125        | 0.495               |
| 66  | 211     | 356    | 28245 | <a href="#">Alicia Kowaltowski</a>   |    | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">UniversidSÁfo Paulo</a>  | 66      | 37          | 0.561               | 141       | 115         | 0.816               | 15772    | 5104        | 0.324               |
| 1   | 212     | 357    | 28281 | <a href="#">Valdir Cechinel Filho</a><br> |    | <a href="#">Universidade do Vale do Itajaí UNIVALI</a>    | <a href="#">Natural Sciences / Biological Science</a><br>Biological activity   phytochemistry   medicinal chemistry  | 66      | 29          | 0.439               | 308       | 185         | 0.601               | 15565    | 5007        | 0.322               |
| 19  | 213     | 358    | 28285 | <a href="#">Marco Aurelio De Paoli</a>   |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>polymers   low enviromental impact materials   polymer additives   | 66      | 26          | 0.394               | 217       | 74          | 0.341               | 15549    | 3104        | 0.200               |
| 67  | 214     | 359    | 28365 | <a href="#">Milton De Arruda Martins</a>   |    | <a href="#">Universidade de São Paulo USP</a>             | Asthma   Chronic Obstructive Pulmonary Disease   Medical Education   Health Promotion  | 66      | 38          | 0.576               | 260       | 154         | 0.592               | 14863    | 6376        | 0.429               |
| 1   | 215     | 360    | 28400 | <a href="#">Waldiceu A Verri Jr</a><br>   |    | <a href="#">Universidade Estadual de Londrina</a>         | Cytokines   pain   oxidative stress   inflammation   infection   | 66      | 46          | 0.697               | 202       | 180         | 0.891               | 14646    | 8142        | 0.556               |
| 20  | 216     | 361    | 28419 | <a href="#">Marcelo Giannini</a>   |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Restauradora   Estética em Odontologia   Pesquisa   | 66      | 42          | 0.636               | 230       | 182         | 0.791               | 14527    | 6741        | 0.464               |
| 6   | 217     | 363    | 28455 | <a href="#">Luiz Augusto Facchini</a>  |  | <a href="#">Universidade Federal de Pelotas UFPEL</a>     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde coletiva   Saúde pública   Avaliação de políticas e serviços de saúde              | 66      | 44          | 0.667               | 188       | 142         | 0.755               | 14254    | 7129        | 0.500               |
| 21  | 218     | 364    | 28541 | <a href="#">Sandro C Esteves</a>   |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Urology</a><br>Male & female reproduction   Andrology   Reproductive endocrinology   Quality management   Assisted Reproductive Technology ... | 66      | 54          | 0.818               | 198       | 166         | 0.838               | 13483    | 9423        | 0.699               |
| 68  | 219     | 365    | 28552 | <a href="#">Jose Leopoldo Ferreira Antunes</a>   |  | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia  | 66      | 39          | 0.591               | 215       | 147         | 0.684               | 13426    | 5628        | 0.419               |

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| University  | Country | Region | World | Name                                       | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 220     | 366    | 28559 | <a href="#">Luiz Felipe Valandro</a>       |  Brazil     | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>School of Dentistry  | 66      | 46          | 0.697               | 228       | 185         | 0.811               | 13352    | 7128        | 0.534               |
| 5   | 221     | 367    | 28654 | <a href="#">Cleusa Pinheiro Ferri</a>      |  Brazil     | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Demência   Psiquiatria   Envelhecimento   Epidemiologia                           | 65      | 43          | 0.662               | 140       | 110         | 0.786               | 53785    | 26212       | 0.487               |
| 69  | 222     | 368    | 28655 | <a href="#">Houtan Noushmehr</a>           |  Brazil     | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Bioinformatics   Cancer   Genomics   Epigenomics   Glioma                                  | 65      | 62          | 0.954               | 98        | 95          | 0.969               | 52429    | 40546       | 0.773               |
| 22  | 223     | 369    | 28676 | <a href="#">Ricardo Antunes</a>            |  Brazil     | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Social Sciences / Sociology</a><br>Sociologia   Sociologia do trabalho  | 65      | 45          | 0.692               | 181       | 115         | 0.635               | 38377    | 13880       | 0.362               |
| 70  | 224     | 373    | 28841 | <a href="#">Niels Olsen Saraiva Camara</a> |  Brazil    | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Nephrology   Transplantation   Stem cells  | 65      | 46          | 0.708               | 274       | 214         | 0.781               | 24439    | 14664       | 0.600               |
| 71  | 225     | 376    | 29032 | <a href="#">Thais Mauad</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | asthma   COPD   pulmonary pathology   autopsy   | 65      | 42          | 0.646               | 194       | 143         | 0.737               | 19619    | 10025       | 0.511               |
| 72  | 226     | 380    | 29161 | <a href="#">Jose E Tanus Santos</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Cardiovascular</a><br>Cardiovascular  | 65      | 32          | 0.492               | 324       | 208         | 0.642               | 17876    | 6367        | 0.356               |
| 2   | 227     | 381    | 29215 | <a href="#">Celso Vataru Nakamura</a>      |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Medical and Health Sciences / Microbiology</a><br>Ciências Farmacêuticas   Biologia   Atividade Biológica   | 65      | 43          | 0.662               | 331       | 269         | 0.813               | 17413    | 8844        | 0.508               |
| 73  | 228     | 382    | 29460 | <a href="#">Solange M Gennari</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Doenças Parasitárias   Toxoplasma gondii   Neospora caninum                                  | 65      | 32          | 0.492               | 274       | 175         | 0.639               | 15696    | 5804        | 0.370               |
| 12  | 229     | 383    | 29471 | <a href="#">Silvia Guterres</a>            |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotecnologia   medicamentos  | 65      | 44          | 0.677               | 295       | 223         | 0.756               | 15603    | 7850        | 0.503               |
| 3   | 230     | 384    | 29476 | <a href="#">Guilherme Luiz Dotto</a>       |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Engenharia de Alimentos   Química   Adsorption   Wastewater treatment | 65      | 59          | 0.908               | 293       | 291         | 0.993               | 15574    | 13498       | 0.867               |
| 74  | 231     | 385    | 29559 | <a href="#">Umberto Giuseppe Cordani</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geociências  | 65      | 39          | 0.600               | 214       | 95          | 0.444               | 15034    | 4552        | 0.303               |




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| University  | Country | Region | World | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 232     | 386    | 29673 | <a href="#">Rômulo Alves</a><br>                 | <br>Brazil   | <a href="#">Universidade Estadual da Paraíba UEPB</a>           | Etnobiologia   Biologia da conservação   | 65      | 42          | 0.646               | 224       | 180         | 0.804               | 14444    | 7031        | 0.487               |
| 3   | 233     | 387    | 29730 | <a href="#">Orlando Fatibello Filho</a>   | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Química analítica   Eletroanalítica   | 65      | 42          | 0.646               | 293       | 171         | 0.584               | 14044    | 6244        | 0.445               |
| 13  | 234     | 388    | 29767 | <a href="#">Cimélio Bayer</a>   | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   ciência do solo   manejo e conservação do solo   | 65      | 37          | 0.569               | 158       | 125         | 0.791               | 13814    | 4710        | 0.341               |
| 75  | 235     | 389    | 29823 | <a href="#">Carlos Eduardo Pellegrino Cerri</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">SuperiorAgriculturLuizQueiroz</a><br>ciência do solo   | 65      | 49          | 0.754               | 186       | 151         | 0.812               | 13403    | 7273        | 0.543               |
| 1   | 236     | 391    | 29893 | <a href="#">Gustavo De Deus</a><br>              | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Odontologia  | 65      | 48          | 0.738               | 174       | 159         | 0.914               | 12693    | 7264        | 0.572               |
| 23  | 237     | 392    | 29954 | <a href="#">Francisco Humberto Nociti Jr</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   | 65      | 32          | 0.492               | 187       | 134         | 0.717               | 11564    | 4065        | 0.352               |
| 14  | 238     | 393    | 29957 | <a href="#">Isabela Pordeus</a>   | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   epidemiologia   | 65      | 41          | 0.631               | 192       | 147         | 0.766               | 11526    | 5434        | 0.471               |
| 1   | 239     | 395    | 30062 | <a href="#">Maria Teresa Anselmo Olinto</a><br> | <br>Brazil  | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   saúde da mulher   nutrição e doenças cardiometabólicas   trabalhadores de turnos | 64      | 35          | 0.547               | 212       | 118         | 0.557               | 29364    | 17467       | 0.595               |
| 76  | 240     | 397    | 30148 | <a href="#">Geraldo Lorenzi Filho</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Pneumologia   Medicina do Sono   | 64      | 42          | 0.656               | 211       | 152         | 0.720               | 24052    | 9246        | 0.384               |
| 1   | 241     | 400    | 30358 | <a href="#">José Maria Barbosa Filho</a><br>   | <br>Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   | 64      | 38          | 0.594               | 345       | 205         | 0.594               | 19427    | 7530        | 0.388               |
| 15  | 242     | 402    | 30425 | <a href="#">Paulo Caramelli</a>   | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Neurology</a><br>Cognitive Neurology   Dementia   Alzheimer's Disease   Frontotemporal Dementia   Cognitive Reserve                    | 64      | 38          | 0.594               | 240       | 158         | 0.658               | 18633    | 7443        | 0.399               |
| 1   | 243     | 403    | 30475 | <a href="#">Nilton Curi</a><br>                | <br>Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>             | Pedologia  | 64      | 37          | 0.578               | 374       | 216         | 0.578               | 18126    | 6753        | 0.373               |









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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 16  | 244     | 404    | 30611 | <a href="#">Carlos Augusto Rosa</a>            |  Brazil   | Universidade Federal de Minas Gerais UFMG              | <a href="#">Medical and Health Sciences / Microbiology</a><br>micologia   biologia de leveduras   taxonomia de leveduras   biodiversidade de leveduras      | 64    | 42          | 0.656               | 363   | 247         | 0.680               | 17010 | 8626        | 0.507               |
| 17  | 245     | 407    | 30654 | <a href="#">Fabrício R Santos</a>              |  Brazil   | Universidade Federal de Minas Gerais UFMG              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Antropologia   Zoologia   Conservação   História                          | 64    | 40          | 0.625               | 189   | 135         | 0.714               | 16691 | 5261        | 0.315               |
| 8   | 246     | 409    | 30712 | <a href="#">Michael Brennan</a>                |  Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">ilhasolteir</a><br>vibration   structural dynamics   acoustics   energy_harvesting   wave_propagation   | 64    | 40          | 0.625               | 206   | 130         | 0.631               | 16241 | 7071        | 0.435               |
| 24  | 247     | 410    | 30820 | <a href="#">Caio Ferraz</a>                    |  Brazil   | Universidade Estadual de Campinas UNICAMP              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Microbiologia Endodontica   Substâncias Químicas Auxiliares em Endodontia   Adesão               | 64    | 41          | 0.641               | 116   | 100         | 0.862               | 15615 | 5498        | 0.352               |
| 9   | 248     | 411    | 30885 | <a href="#">Vanderlan Da Silva Bolzani</a>     |  Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Natural Sciences / Chemical Sciences</a><br>Produtos Naturais   Química Medicinal   Metabólica   Espectrometria de Massas e de RNM   Biologia   | 64    | 36          | 0.563               | 274   | 179         | 0.653               | 15165 | 6234        | 0.411               |
| 5   | 249     | 412    | 30888 | <a href="#">Manoel Odorico De Moraes Filho</a> |  Brazil   | Universidade Federal do Ceará                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Oncologia   Produtos Naturais   Farmacologia Clínica | 64    | 36          | 0.563               | 299   | 191         | 0.639               | 15153 | 6337        | 0.418               |
| 12  | 250     | 413    | 30955 | <a href="#">Patricia RM Rocco</a>              |  Brazil   | Universidade Federal do Rio de Janeiro                 | <a href="#">RioJaneiro</a><br>respiratory physiology   intensive care medicine   anesthesia   | 64    | 47          | 0.734               | 306   | 242         | 0.791               | 14745 | 8791        | 0.596               |
| 1   | 251     | 414    | 31038 | <a href="#">Alvaro Della Bona</a>              |  Brazil | Universidade de Passo Fundo                            | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia - dentistry  | 64    | 47          | 0.734               | 154   | 125         | 0.812               | 14355 | 7286        | 0.508               |
| 6   | 252     | 415    | 31095 | <a href="#">Helena Bonciani Nader</a>          |  Brazil | Universidade Federal de São Paulo UNIFESP              | <a href="#">Natural Sciences / Biological Science</a><br>glicobiologia   biologia celular   biologia molecular   cancer   trombose                          | 64    | 29          | 0.453               | 281   | 135         | 0.480               | 14048 | 4341        | 0.309               |
| 14  | 253     | 416    | 31151 | <a href="#">Carlos Alberto Gonçalves</a>       |  Brazil | Universidade Federal do Rio Grande do Sul UFRGS        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Neuroquímica   Astrócitos   Doença de Alzheimer   | 64    | 36          | 0.563               | 230   | 147         | 0.639               | 13663 | 5120        | 0.375               |
| 77  | 254     | 417    | 31267 | <a href="#">Marcelo Urbano Ferreira</a>        |  Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Tropical Medicine   Malaria   Infectious Diseases                              | 64    | 35          | 0.547               | 196   | 126         | 0.643               | 12898 | 4915        | 0.381               |















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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 255     | 418    | 31280 | <a href="#">Denise MG Freire</a>            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biotecnologia Industrial e Ambiental                        | 64      | 42          | 0.656               | 210       | 172         | 0.819               | 12757    | 6546        | 0.513               |
| 3   | 256     | 419    | 31287 | <a href="#">Fábio M Damatta</a>             |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Biological Science</a>   | 64      | 43          | 0.672               | 156       | 134         | 0.859               | 12663    | 6479        | 0.512               |
| 78  | 257     | 420    | 31291 | <a href="#">Walter R Terra</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Insect digestion   digestive enzymes   molecular physiology | 64      | 23          | 0.359               | 186       | 81          | 0.435               | 12633    | 2744        | 0.217               |
| 25  | 258     | 421    | 31306 | <a href="#">Adriana Zerlotti Mercadante</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">UNICAMP</a><br>carotenóides   antocianinas   Food Chemistry   | 64      | 43          | 0.672               | 154       | 136         | 0.883               | 12487    | 5859        | 0.469               |
| 15  | 259     | 422    | 31317 | <a href="#">Claudio Hutz</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Psychology</a><br>Psychological assessment   Positive Psychology. Personality               | 64      | 41          | 0.641               | 178       | 119         | 0.669               | 12371    | 5576        | 0.451               |
| 79  | 260     | 423    | 31378 | <a href="#">Itamar Santos *</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Clínica Médica</a>  | 63      | 61          | 0.968               | 168       | 161         | 0.958               | 124654   | 111593      | 0.895               |
| 80  | 261     | 424    | 31487 | <a href="#">Airton Deppman</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Nuclear Physics and Nuclear Reactions                                       | 63      | 44          | 0.698               | 121       | 76          | 0.628               | 29624    | 10735       | 0.362               |
| 10  | 262     | 426    | 31517 | <a href="#">Roberto Da Silva</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Alimentos Biotecnologia Bioenergia </a><br>Alimentos   Biotecnologia   Bioenergia                             | 63      | 35          | 0.556               | 239       | 166         | 0.695               | 27077    | 9795        | 0.362               |
| 1   | 263     | 427    | 31591 | <a href="#">Germano P Guedes</a>            |  Brazil  | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>         | <a href="#">Natural Sciences / Physics</a><br>Scientific Instrumentation  | 63      | 44          | 0.698               | 123       | 93          | 0.756               | 23071    | 10976       | 0.476               |
| 16  | 264     | 429    | 31634 | <a href="#">Elsa Regina Justo Giugliani</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>pediatrics   infant public health            | 63      | 36          | 0.571               | 145       | 95          | 0.655               | 21921    | 10280       | 0.469               |
| 18  | 265     | 430    | 31642 | <a href="#">Britaldo Soares Filho</a>       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | environmental modeling   climate change   Amazon conservation   simulation software                                       | 63      | 50          | 0.794               | 143       | 118         | 0.825               | 21767    | 11900       | 0.547               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 17  | 266     | 431    | 31688 | <a href="#">Marcelo Pio De Almeida Fleck</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Transtornos do Humor   Qualidade de vida   | 63      | 43          | 0.683               | 161       | 120         | 0.745               | 20662    | 8185        | 0.396               |
| 4   | 267     | 432    | 31690 | <a href="#">Paulo Roberto Cecon</a>          |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Statistics</a><br>Estatística   Estatística Experimental   Biometria   Regressão  | 63      | 31          | 0.492               | 485       | 175         | 0.361               | 20640    | 6232        | 0.302               |
| 81  | 268     | 433    | 31708 | <a href="#">Jose Goldemberg</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">da UniversidSao Paulo</a><br>energia renovavel   meio ambiente   sustentabilidade  | 63      | 36          | 0.571               | 190       | 89          | 0.468               | 20398    | 5039        | 0.247               |
| 82  | 269     | 436    | 31907 | <a href="#">Manoel Antonio Dos Santos</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica   Psicologia da Saúde   Sexualidade e Gênero   Saúde Mental                                       | 63      | 39          | 0.619               | 403       | 258         | 0.640               | 17893    | 8292        | 0.463               |
| 83  | 270     | 437    | 31908 | <a href="#">Clovis A Silva</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Reumatologia Pediátrica   Medicina do Adolescente                                       | 63      | 40          | 0.635               | 322       | 220         | 0.683               | 17892    | 8866        | 0.496               |
| 18  | 271     | 438    | 31934 | <a href="#">Valério Pillar</a>               |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Quantitative Ecology   Biodiversity Analysis   Paleocology   Grassland Ecology                    | 63      | 43          | 0.683               | 167       | 123         | 0.737               | 17588    | 9418        | 0.535               |
| 4   | 272     | 439    | 31946 | <a href="#">Gilson Zeni</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 63      | 28          | 0.444               | 250       | 139         | 0.556               | 17510    | 4846        | 0.277               |
| 84  | 273     | 440    | 32031 | <a href="#">José Eluf Neto</a>               |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 63      | 36          | 0.571               | 147       | 99          | 0.673               | 16909    | 5572        | 0.330               |
| 3   | 274     | 441    | 32125 | <a href="#">Luiz Carlos Gomes</a>            |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de peixes   ecologia de reservatórios   ecologia de áreas alagáveis                                | 63      | 37          | 0.587               | 162       | 113         | 0.698               | 16266    | 6334        | 0.389               |
| 5   | 275     | 442    | 32171 | <a href="#">Raul Narciso Carvalho Guedes</a> |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomology   Insecticide Ecotoxicology   Stored Product Entomology   Insect Ecophysiology            | 63      | 46          | 0.730               | 279       | 194         | 0.695               | 16032    | 8504        | 0.530               |
| 1   | 276     | 443    | 32185 | <a href="#">Paula M Soares</a>               |  Brazil | <a href="#">Universidade Estadual do Ceará</a>                  | suicídio   suicide   profissionais   práticas integrativas e complementares   PIC's  | 63      | 36          | 0.571               | 218       | 136         | 0.624               | 15924    | 6409        | 0.402               |
| 85  | 277     | 445    | 32231 | <a href="#">Marco A Zago</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   Genética   Câncer   Hematologia   Células Tronco                         | 63      | 25          | 0.397               | 197       | 67          | 0.340               | 15667    | 2853        | 0.182               |
| 13  | 278     | 446    | 32255 | <a href="#">Marília Sá Carvalho</a>          |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology   statistical modelling   infectious diseases   system science approach | 63      | 38          | 0.603               | 187       | 126         | 0.674               | 15539    | 7130        | 0.459               |

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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 279     | 447    | 32266 | <a href="#">Leonardo Fernandes Fraceto</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotecnologia   química ambiental   sistemas de liberação   nanopartículas poliméricas   pesticidas | 63      | 52          | 0.825               | 213       | 172         | 0.808               | 15478    | 12118       | 0.783               |
| 26  | 280     | 448    | 32547 | <a href="#">Amauri Garcia</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>engenharia e ciência dos materiais   | 63      | 37          | 0.587               | 265       | 192         | 0.725               | 14013    | 5815        | 0.415               |
| 2   | 281     | 449    | 32574 | <a href="#">Augusto Cesar Franco</a>        |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Physiology</a><br>Ecofisiologia vegetal   ecologia vegetal  | 63      | 37          | 0.587               | 133       | 92          | 0.692               | 13890    | 4481        | 0.323               |
| 14  | 282     | 450    | 32576 | <a href="#">Olaf Malm</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>Contaminação ambiental e humana por micropoluentes  | 63      | 36          | 0.571               | 202       | 141         | 0.698               | 13885    | 5145        | 0.371               |
| 12  | 283     | 452    | 32680 | <a href="#">Mário Tanomaru Filho</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia   endodontia   materiais retrobturadores   materiais obturadores   biologia celular                            | 63      | 44          | 0.698               | 205       | 161         | 0.785               | 13340    | 6155        | 0.461               |
| 6   | 284     | 453    | 32694 | <a href="#">Claudia Pessoa</a>              |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | Cancer   Natural Product   Anticancer   Drug Discovery   Bioprospection   | 63      | 34          | 0.540               | 277       | 195         | 0.704               | 13280    | 5787        | 0.436               |
| 5   | 285     | 459    | 32912 | <a href="#">Moacir Geraldo Pizzolatti</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   farmacologia   fisiologia   biologia   bioquímica   | 63      | 32          | 0.508               | 166       | 110         | 0.663               | 11314    | 4053        | 0.358               |
| 86  | 286     | 461    | 33015 | <a href="#">Carlos G Carlotti Jr</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>neurocirurgia   | 62      | 49          | 0.790               | 159       | 117         | 0.736               | 34332    | 28273       | 0.824               |
| 87  | 287     | 464    | 33129 | <a href="#">Marcelo Britto Passos Amato</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Ventilation   Lung   Acute Respiratory Failure   Lung Injury   Recruitment                        | 62      | 46          | 0.742               | 169       | 119         | 0.704               | 23791    | 11204       | 0.471               |
| 88  | 288     | 466    | 33259 | <a href="#">Luciano Da F Costa</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">IFSCP</a><br>complex systems and nets   pattern recognition   image analysis   electronics   music  | 62      | 40          | 0.645               | 274       | 127         | 0.464               | 19982    | 7239        | 0.362               |
| 89  | 289     | 467    | 33379 | <a href="#">Edmund Chada Baracat</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicida</a><br>Disciplina de Ginecologia   | 62      | 37          | 0.597               | 410       | 209         | 0.510               | 18040    | 7382        | 0.409               |
| 90  | 290     | 469    | 33438 | <a href="#">Ester Cerdeira Sabino</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a><br>Blood Safety   Chagas Disease   Biomarkers   Emerging Infectious Disease   Sickle cell disease  | 62      | 42          | 0.677               | 250       | 167         | 0.668               | 17353    | 11600       | 0.668               |




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| University  | Country | Region | World | Name                                      | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 291     | 470    | 33524 | <a href="#">Virgilio Almeida</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Social algorithms   cyberspace and digital governance   distributed systems   network science   performance modeling | 62      | 33          | 0.532               | 156       | 80          | 0.513               | 16717    | 4446        | 0.266               |
| 4   | 292     | 471    | 33593 | <a href="#">Sonia Silva Marcon</a>        |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>          | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Enfermagem   Família   Doenças Crônicas   Family nursing   Nursing  | 62      | 36          | 0.581               | 402       | 250         | 0.622               | 16097    | 7607        | 0.473               |
| 1   | 293     | 472    | 33719 | <a href="#">Lucindo J Quintans Júnior</a> |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>       | <a href="#">SergipeBrazil</a><br>Natural products   Medicinal Plants   Therapeutic innovation and technology   Biotechnology   Pain   | 62      | 50          | 0.806               | 297       | 262         | 0.882               | 15279    | 10155       | 0.665               |
| 91  | 294     | 473    | 33736 | <a href="#">Krieger Em</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia cardiovascular   | 62      | 27          | 0.435               | 183       | 61          | 0.333               | 15209    | 3129        | 0.206               |
| 20  | 295     | 474    | 33763 | <a href="#">Anderson José Ferreira</a>    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Biologia celular   | 62      | 40          | 0.645               | 154       | 111         | 0.721               | 15035    | 5648        | 0.376               |
| 92  | 296     | 475    | 33788 | <a href="#">Plinio Barbosa De Camargo</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química ambiental   Ecologia Isotópica  | 62      | 46          | 0.742               | 166       | 129         | 0.777               | 14930    | 6310        | 0.423               |
| 4   | 297     | 476    | 33812 | <a href="#">Zilda AP Del Prette</a>       |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>        | Vivências   Psicologia das Relações interpessoais   Habilidades Sociais   Social Skills   | 62      | 38          | 0.613               | 187       | 129         | 0.690               | 14813    | 5903        | 0.399               |
| 15  | 298     | 477    | 33845 | <a href="#">Tanuri A</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    |   | 62      | 36          | 0.581               | 183       | 94          | 0.514               | 14652    | 7620        | 0.520               |
| 93  | 299     | 478    | 33937 | <a href="#">Thiago Mattar Cunha</a>       |  Brazil  | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Pain and Inflammation   | 62      | 44          | 0.710               | 215       | 192         | 0.893               | 14232    | 8533        | 0.600               |
| 27  | 300     | 479    | 33985 | <a href="#">Pedro Luiz Rosalen</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>microbiology   pharmacology   animal models   carie research  | 62      | 46          | 0.742               | 176       | 155         | 0.881               | 14016    | 7213        | 0.515               |
| 1   | 301     | 480    | 33996 | <a href="#">Magda Feres</a>               |  Brazil | <a href="#">Universidade Guarulhos UNG</a>                | <a href="#">GuarulhosUniversityGuarulhosForsyth</a>   | 62      | 44          | 0.710               | 156       | 140         | 0.897               | 13990    | 8244        | 0.589               |
| 14  | 302     | 481    | 34007 | <a href="#">Wilson Savino</a>             |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                     | <a href="#">Pesquisador Titular, Fundação Oswaldo Cruz</a><br>imunologia   endocrinologia   neurociencia  | 62      | 25          | 0.403               | 266       | 100         | 0.376               | 13957    | 3479        | 0.249               |
| 28  | 303     | 482    | 34024 | <a href="#">Alexandre Augusto Zaia</a>    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   | 62      | 42          | 0.677               | 126       | 102         | 0.810               | 13898    | 5253        | 0.378               |

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| University  | Country | Region | World | Name                                   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 304     | 483    | 34075 | <a href="#">Marco Antonio Bottino</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese Dentária   | 62      | 43          | 0.694               | 258       | 178         | 0.690               | 13723    | 6741        | 0.491               |
| 94  | 305     | 484    | 34111 | <a href="#">Fernando Barbosa Jr</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Toxicologia   Metais   Contaminantes Emergentes   Biomonitoramento  | 62      | 38          | 0.613               | 266       | 197         | 0.741               | 13561    | 6622        | 0.488               |
| 4   | 306     | 485    | 34179 | <a href="#">Mangalathayil Ali Abdu</a> |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Instituto Nacional de Pesquisas Espaciais</a><br>Aeronomy   Ionosphere   Radio Science   Magnetosphere  | 62      | 32          | 0.516               | 242       | 139         | 0.574               | 13255    | 4130        | 0.312               |
| 3   | 307     | 486    | 34181 | <a href="#">Marcio Pimentel</a>        |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a><br>Geociências  | 62      | 40          | 0.645               | 198       | 142         | 0.717               | 13243    | 5620        | 0.424               |
| 2   | 308     | 489    | 34242 | <a href="#">Rosane Schwan</a>          |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Medical and Health Sciences / Microbiology</a><br>fermentation   yeasts   indigenous food   coffee cocoa   probiotics                                     | 62      | 50          | 0.806               | 205       | 179         | 0.873               | 12966    | 7797        | 0.601               |
| 1   | 309     | 490    | 34244 | <a href="#">Martin Cammarota</a>       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">MemoryBrainRioGrandeNorte</a><br>Neurobiology of Learning and memory  | 62      | 30          | 0.484               | 137       | 80          | 0.584               | 12952    | 3660        | 0.283               |
| 95  | 310     | 491    | 34269 | <a href="#">Bruno Gualano</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÁfo Paulo</a><br>ciência do exercício   nutrição  | 62      | 47          | 0.758               | 201       | 182         | 0.905               | 12841    | 8531        | 0.664               |
| 29  | 311     | 492    | 34273 | <a href="#">Anderson S Sant Ana</a>    |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Microbiology   Food Safety   Predictive Microbiology   Risk Analysis   Probiotics | 62      | 56          | 0.903               | 215       | 194         | 0.902               | 12821    | 10510       | 0.820               |
| 5   | 312     | 493    | 34293 | <a href="#">José Miguel Reichert</a>   |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Agriculture and Plant Sciences   Soils and Hydrology   Environmental Sciences       | 62      | 39          | 0.629               | 198       | 142         | 0.717               | 12698    | 5414        | 0.426               |
| 5   | 313     | 494    | 34297 | <a href="#">Edvani Curti Muniz</a>     |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais poliméricos   caracterização de polimeros   biomateriais        | 62      | 42          | 0.677               | 208       | 152         | 0.731               | 12692    | 6641        | 0.523               |
| 30  | 314     | 495    | 34303 | <a href="#">Li Min Li</a>              |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurology   Neuroscience   Administration   | 62      | 29          | 0.468               | 171       | 94          | 0.550               | 12666    | 3654        | 0.288               |
| 96  | 315     | 496    | 34424 | <a href="#">Marcus Lira Brandao</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuropsicofarmacologia  | 62      | 24          | 0.387               | 211       | 91          | 0.431               | 11895    | 2616        | 0.220               |

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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 97  | 316     | 498    | 34448 | <a href="#">Clovis Monteiro Bramante</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   cirurgia   radiologia   | 62    | 40          | 0.645               | 170   | 116         | 0.682               | 11748 | 4919        | 0.419               |
| 1   | 317     | 499    | 34544 | <a href="#">Damião Pergentino de Sousa</a>  |  Brazil   | <a href="#">Centro Universitário de João Pessoa</a>            | Natural products   medicinal chemistry   organic synthesis  | 62    | 44          | 0.710               | 179   | 158         | 0.883               | 10610 | 6529        | 0.615               |
| 21  | 318     | 500    | 34591 | <a href="#">Gustavo Velasquez Melendez</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   | 61    | 37          | 0.607               | 154   | 122         | 0.792               | 67506 | 51974       | 0.770               |
| 2   | 319     | 502    | 34776 | <a href="#">Juvenal Soares Dias Da Costa</a>  |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Saúde Coletiva</a><br>Saúde Coletiva  | 61    | 31          | 0.508               | 158   | 91          | 0.576               | 23021 | 15564       | 0.676               |
| 2   | 320     | 505    | 34885 | <a href="#">Naomar Almeida Filho</a><br><a href="#">Naomar Almeida-Filho</a><br><a href="#">Naomar de Almeida Filho</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Psychosocial Epidemiology   Medical Anthropology   Higher Education                 | 61    | 39          | 0.639               | 186   | 96          | 0.516               | 19986 | 5732        | 0.287               |
| 5   | 321     | 506    | 35024 | <a href="#">Yosio Edemir Shimabukuro</a>  |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>      | <a href="#">INPE</a><br>Remote Sensing  | 61    | 36          | 0.590               | 228   | 135         | 0.592               | 17839 | 6821        | 0.382               |
| 6   | 322     | 507    | 35108 | <a href="#">Walter Demetrio Gonzalez</a>  |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>      | <a href="#">Instituto Nacional de Pesquisas Espaciais - INPE</a><br>Magnetic Storms   Magnetic Reconnection   Plasma Physics  | 61    | 31          | 0.508               | 143   | 74          | 0.517               | 16995 | 4668        | 0.275               |
| 98  | 323     | 508    | 35157 | <a href="#">Andre Carlos Ponce De Leon Ferreira De Carvalho</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Machine Learning   Data Science  | 61    | 44          | 0.721               | 261   | 152         | 0.582               | 16676 | 7734        | 0.464               |
| 1   | 324     | 511    | 35354 | <a href="#">Jorge Alberto Vieira Costa</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Biochemical Engineering   Bioprocess   Microalgae   Biotechnology | 61    | 48          | 0.787               | 274   | 207         | 0.755               | 15331 | 8952        | 0.584               |
| 15  | 325     | 512    | 35366 | <a href="#">Marcus Vinícius Guimarães De Lacerda</a>  |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                          | <a href="#">Fiocruz</a><br>Medicina   | 61    | 50          | 0.820               | 253   | 219         | 0.866               | 15244 | 10863       | 0.713               |
| 99  | 326     | 513    | 35372 | <a href="#">Benjamim Bley De Brito Neves</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geocronologia   geotectónica   geologia regional   | 61    | 38          | 0.623               | 174   | 85          | 0.489               | 15225 | 5008        | 0.329               |
| 6   | 327     | 514    | 35465 | <a href="#">Sidinei Magela Thomaz</a>   |  Brazil | <a href="#">Universidade Estadual de Maringá</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity   Biological Invasion   Aquatic Macrophytes   Invasion Biology   Invasive Species             | 61    | 35          | 0.574               | 186   | 132         | 0.710               | 14811 | 5926        | 0.400               |



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| University  | Country | Region | World | Name                                     | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 100   | 328     | 517    | 35558 | <a href="#">Pietro Sampaio Baruselli</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução Animal - Animal Reproduction - Veterinay   | 61      | 44          | 0.721               | 252       | 147         | 0.583               | 14397    | 6604        | 0.459               |
| 19  | 329     | 520    | 35588 | <a href="#">Sergio Schneider</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Sociology</a><br>Sociologia Rural   Sociologia da Alimentação   Sociologia do Desenvolvimento   Economia do Desenvolvimento   Desenvolvimento Susten | 61      | 44          | 0.721               | 172       | 135         | 0.785               | 14260    | 7060        | 0.495               |
| 101   | 330     | 523    | 35703 | <a href="#">Silvio Silvério Da Silva</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Engineering</a><br>Biomass   Xylitol   Bioethanol   Fermentation Technology ...   | 61      | 39          | 0.639               | 233       | 144         | 0.618               | 13742    | 6162        | 0.448               |
| 20  | 331     | 524    | 35734 | <a href="#">Adriana Raffin Pohlmann</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>química   ciências farmacêuticas   nanotecnologia farmacêutica                                    | 61      | 41          | 0.672               | 253       | 189         | 0.747               | 13619    | 6655        | 0.489               |
| 102   | 332     | 526    | 36128 | <a href="#">MC Irigoyen</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Hypertension   diabetes   exercise   baroreflex  | 61      | 31          | 0.508               | 252       | 145         | 0.575               | 12040    | 4529        | 0.376               |
| 7   | 333     | 528    | 36192 | <a href="#">Ricardo Sesso</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Nephrology</a><br>medicine   nephrology   clinical epidemiology  | 61      | 31          | 0.508               | 161       | 95          | 0.590               | 11656    | 4071        | 0.349               |
| 6   | 334     | 529    | 36271 | <a href="#">Marcelo Farina</a>           |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Toxicology   Neurosciences  | 61      | 35          | 0.574               | 166       | 123         | 0.741               | 11177    | 4967        | 0.444               |
| 14  | 335     | 530    | 36288 | <a href="#">Nathan Berkovits</a>         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Supersimetria e Teoria de Cordas   | 61      | 22          | 0.361               | 126       | 51          | 0.405               | 10908    | 1671        | 0.153               |
| 8   | 336     | 532    | 36391 | <a href="#">Flavia Ribeiro Machado</a>   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">PaulistMedicinUNIFESP</a><br>terapia intensiva   | 60      | 53          | 0.883               | 151       | 122         | 0.808               | 42708    | 30256       | 0.708               |
| 31  | 337     | 533    | 36599 | <a href="#">Carola Dobrigkeit</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Raios Cósmicos   Física de Partículas Elementares   Astrofísica  | 60      | 40          | 0.667               | 145       | 89          | 0.614               | 22295    | 10172       | 0.456               |
| 103   | 338     | 534    | 36691 | <a href="#">Washington Carvalho Jr</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Cosmic rays  | 60      | 41          | 0.683               | 128       | 94          | 0.734               | 19875    | 10353       | 0.521               |

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| University  | Country | Region | World | Name                                    | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 104   | 339     | 535    | 36716 | <a href="#">Patricia Chakur Brum</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Exercise Physiology   heart failure   cardiac function   skeletal myopathy   aerobic exercise training                           | 60      | 36          | 0.600               | 156       | 114         | 0.731               | 19440    | 9502        | 0.489               |
| 1   | 340     | 536    | 36817 | <a href="#">Heitor Cantarella</a>       |  Brazil   | <a href="#">Instituto Agronômico</a>                                   | <a href="#">Pesquisador Científico, Instituto Agronômico</a><br>fertilidade do solo   nutrição de plantas   bioenergia   sustentabilidade   cana-de-açúcar                     | 60      | 35          | 0.583               | 193       | 114         | 0.591               | 18060    | 6505        | 0.360               |
| 15  | 341     | 537    | 36830 | <a href="#">Carlos Roberto Padovani</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |  | 60      | 31          | 0.517               | 424       | 169         | 0.399               | 17928    | 5675        | 0.317               |
| 16  | 342     | 538    | 37017 | <a href="#">Roberto Schaeffer</a>       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>Energy Modeling   Climate Change  | 60      | 43          | 0.717               | 147       | 120         | 0.816               | 15925    | 8961        | 0.563               |
| 17  | 343     | 539    | 37046 | <a href="#">Romildo D Toledo Filho</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Concrete   fiber reinforced concrete   sustainable construction   building materials   Bio-based materials | 60      | 51          | 0.850               | 198       | 169         | 0.854               | 15793    | 9785        | 0.620               |
| 32  | 344     | 540    | 37054 | <a href="#">Jose C Geromel</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Control Systems Analysis and Design  | 60      | 30          | 0.500               | 154       | 79          | 0.513               | 15760    | 3593        | 0.228               |
| 105   | 345     | 542    | 37143 | <a href="#">Marcelo Zugaib</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Obstetrics   Fetal Medicine   High-Risk Pregnancy   Conjoined Twins   Fetal Echocardiography        | 60      | 31          | 0.517               | 300       | 125         | 0.417               | 15192    | 4621        | 0.304               |
| 106   | 346     | 543    | 37146 | <a href="#">Lilia Blima Schraiber</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">medicinUniversidSão Paulo</a><br>Medicina Preventiva   | 60      | 38          | 0.633               | 152       | 107         | 0.704               | 15162    | 5088        | 0.336               |
| 18  | 347     | 544    | 37217 | <a href="#">Fernanda G De Felice</a>    |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 |  | 60      | 49          | 0.817               | 99        | 92          | 0.929               | 14727    | 8093        | 0.550               |
| 107   | 348     | 545    | 37272 | <a href="#">Carlos Eduardo Rochitte</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Docente/RM/TCCardiovasInCorHCFMP</a><br>Diretor RM/TC Cardiovasc   Hospital do Coração-HCOR   Ressonância Magnética e Tomografia Computadorizada Cardiovascular    | 60      | 38          | 0.633               | 178       | 111         | 0.624               | 14468    | 5498        | 0.380               |
| 108   | 349     | 547    | 37351 | <a href="#">Flair José Carrilho</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterologia   Hepatologia  | 60      | 34          | 0.567               | 245       | 143         | 0.584               | 14153    | 5095        | 0.360               |
| 109   | 350     | 548    | 37448 | <a href="#">Pedro Brancalion</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Restauração ecológica   biologia da conservação   sementes florestais   | 60      | 57          | 0.950               | 170       | 152         | 0.894               | 13769    | 10875       | 0.790               |
| 3   | 351     | 549    | 37454 | <a href="#">Roberto Badaro</a>          |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectious diseases   | 60      | 25          | 0.417               | 144       | 62          | 0.431               | 13759    | 2238        | 0.163               |












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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 352     | 550    | 37496 | <a href="#">Monica Andersen</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              |   | 60      | 37          | 0.617               | 283       | 177         | 0.625               | 13565    | 6325        | 0.466               |
| 110   | 353     | 551    | 37511 | <a href="#">Paulo R Guimarães Jr</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecological interactions   Ecological Networks   Coevolution   Network Science   Mutualisms                             | 60      | 47          | 0.783               | 128       | 108         | 0.844               | 13489    | 7204        | 0.534               |
| 111   | 354     | 554    | 37607 | <a href="#">Ana Claudia Latronico</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Distúrbios puberais   tumores da glandula suprarrenal   receptores hormonais   biologia molecular | 60      | 34          | 0.567               | 166       | 103         | 0.620               | 13113    | 4735        | 0.361               |
| 112   | 355     | 555    | 37635 | <a href="#">Vera Lucia Imperatriz Fonseca</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">BioS.Paulo</a><br>Polinizadores   abelhas   conservação ambiental   serviços ecossistêmicos   biodiversidade  | 60      | 39          | 0.650               | 204       | 128         | 0.627               | 13033    | 6504        | 0.499               |
| 113   | 356     | 556    | 37639 | <a href="#">Léa Assed Bezerra Da Silva</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 60      | 34          | 0.567               | 236       | 151         | 0.640               | 13016    | 4917        | 0.378               |
| 114   | 357     | 557    | 37659 | <a href="#">Marcelo Zaiat</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Engineering   | 60      | 42          | 0.700               | 250       | 159         | 0.636               | 12935    | 6610        | 0.511               |
| 115   | 358     | 558    | 37667 | <a href="#">Paulo José Do Amaral Sobral</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Engenharia de Alimentos  | 60      | 43          | 0.717               | 184       | 136         | 0.739               | 12903    | 6591        | 0.511               |
| 1   | 359     | 559    | 37673 | <a href="#">Carlos José Soares</a>            |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Dentística   Materiais Dentários   Biomecânica   | 60      | 43          | 0.717               | 204       | 170         | 0.833               | 12885    | 6555        | 0.509               |
| 16  | 360     | 560    | 37674 | <a href="#">Ricardo Ventura Santos</a>        |  Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Social Sciences / Anthropology</a><br>Anthropology   Public Health   Indigenous Peoples   Race and Ethnicity   History of Physical/Biological Anthropology          | 60      | 33          | 0.550               | 198       | 115         | 0.581               | 12885    | 4714        | 0.366               |
| 16  | 361     | 561    | 37733 | <a href="#">Josimeri Hebling</a>              |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentin adhesion   Cytotoxicity and biocompatibility of dental materials   Pulp biology                               | 60      | 37          | 0.617               | 179       | 137         | 0.765               | 12701    | 5192        | 0.409               |
| 116   | 362     | 562    | 37762 | <a href="#">Carlos Ugrinowitsch</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>neuromuscular adaptations   exercise training and chronic diseases   | 60      | 43          | 0.717               | 166       | 140         | 0.843               | 12614    | 7539        | 0.598               |
| 1   | 363     | 563    | 37808 | <a href="#">Leonardo Oliveira Pena Costa</a>  |  Brazil | <a href="#">Universidade Cidade de São Paulo UNICID</a>                | Dor lombar   prática baseada em evidências   metodologia de pesquisa em fisioterapia  | 60      | 43          | 0.717               | 142       | 120         | 0.845               | 12496    | 7968        | 0.638               |
| 17  | 364     | 564    | 37898 | <a href="#">Antonio Olavo Cardoso Jorge</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   candida   imunologia  | 60      | 38          | 0.633               | 222       | 140         | 0.631               | 12147    | 4780        | 0.394               |

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|---|---------|--------|-------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 117   | 365     | 566    | 38004 | <a href="#">Arthur Belém Novaes Júnior</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Implantodontia  | 60      | 30          | 0.500               | 188       | 108         | 0.574               | 11731    | 3682        | 0.314               |
| 22  | 366     | 567    | 38052 | <a href="#">Jacques Robert Nicoli</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Microbiology</a><br>Ecologia microbiana da superfícies e mucosas do hospedeiro animal ou humano  | 60      | 38          | 0.633               | 212       | 125         | 0.590               | 11552    | 4981        | 0.431               |
| 118   | 367     | 568    | 38089 | <a href="#">Rita C Tostes</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacology</a><br>cardiovascular   hipertensao arterial   diabetes   diferencas sexuais   inflamacao   | 60      | 34          | 0.567               | 210       | 150         | 0.714               | 11365    | 4630        | 0.407               |
| 21  | 368     | 569    | 38110 | <a href="#">MB Gay Ducati</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas   | 60      | 57          | 0.950               | 212       | 169         | 0.797               | 11255    | 9411        | 0.836               |
| 119   | 369     | 570    | 38114 | <a href="#">Sérgio AS Machado</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroquímica   eletroanálise  | 60      | 35          | 0.583               | 199       | 123         | 0.618               | 11230    | 4141        | 0.369               |
| 33  | 370     | 571    | 38131 | <a href="#">Ricardo D Coletta</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology   Orofacial Malformations and Syndromes  | 60      | 39          | 0.650               | 211       | 151         | 0.716               | 11161    | 5276        | 0.473               |
| 22  | 371     | 572    | 38149 | <a href="#">Luis Gustavo Pereira</a>       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas Experimental  | 60      | 56          | 0.933               | 205       | 173         | 0.844               | 11018    | 9403        | 0.853               |
| 34  | 372     | 573    | 38199 | <a href="#">Enilson A Sallum</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>periodontal research   randomized clinical trials   periodontal regeneration  | 60      | 31          | 0.517               | 202       | 123         | 0.609               | 10622    | 3695        | 0.348               |
| 120   | 373     | 574    | 38235 | <a href="#">Lancha Junior</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Universidade de São Paulo USP</a><br>nutrição   atividade física   metabolismo   bioquímica  | 60      | 36          | 0.600               | 140       | 96          | 0.686               | 10367    | 4128        | 0.398               |
| 23  | 374     | 575    | 38236 | <a href="#">Carlos Alexandre Netto</a>     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociências  | 60      | 29          | 0.483               | 192       | 115         | 0.599               | 10365    | 3260        | 0.315               |
| 1   | 375     | 579    | 38295 | <a href="#">Laécio Santos Cavalcante</a>   |  Brazil | <a href="#">Universidade Estadual do Piauí UESPI</a>            | <a href="#">Pesquisador/Professor de Química, Universidade Estadual do Piauí, Centro de Ciências das Natureza</a><br>Synthesis Methods   Structural Characterization   Cluster Coordination   Photoluminescence   P-S-SP-Catalysis | 60      | 38          | 0.633               | 129       | 101         | 0.783               | 9293     | 3821        | 0.411               |

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|---|---------|--------|-------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University                                    | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 376     | 580    | 38407 | <a href="#">Cosme Cruz</a>                                       |  Brazil   | Universidade Federal de Viçosa UFV            | <a href="#">Biometria</a><br>Biometria   Estatística   Genética   Inteligência Computacional   | 59      | 32          | 0.542               | 370       | 153         | 0.414               | 29146    | 8947        | 0.307               |
| 121   | 377     | 581    | 38445 | <a href="#">Suely Kazue Nagahashi Marie</a>                      |  Brazil   | Universidade de São Paulo USP                 | <a href="#">Medicina</a><br>Medicina   | 59      | 37          | 0.627               | 211       | 109         | 0.517               | 26269    | 10754       | 0.409               |
| 35  | 378     | 582    | 38537 | <a href="#">Amin Mousavi Khaneghah * Highly cited researcher</a> |  Brazil   | Universidade Estadual de Campinas UNICAMP     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food contaminants   Food Toxicology   Risk assessment   Systematic review   | 59      | 59          | 1.000               | 249       | 244         | 0.980               | 21866    | 21492       | 0.983               |
| 19  | 379     | 583    | 38565 | <a href="#">Roberto Lobato Corrêa</a>                            |  Brazil   | Universidade Federal do Rio de Janeiro        | <a href="#">Natural Sciences / Geography</a><br>Geografia Cultural   Geografia Urbana  | 59      | 33          | 0.559               | 139       | 90          | 0.647               | 21008    | 6795        | 0.323               |
| 122   | 380     | 584    | 38583 | <a href="#">Renata Bertazzi Levy</a>                             |  Brazil   | Universidade de São Paulo USP                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Nutricional e Nutrição e Saúde Pública   | 59      | 53          | 0.898               | 135       | 123         | 0.911               | 20598    | 14441       | 0.701               |
| 123   | 381     | 585    | 38648 | <a href="#">Norberto Peporine Lopes</a>                          |  Brazil   | Universidade de São Paulo USP                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais e Espectrometria de Massas  | 59      | 38          | 0.644               | 315       | 201         | 0.638               | 19120    | 10330       | 0.540               |
| 2   | 382     | 586    | 38685 | <a href="#">Carlos A Martinez Huitle</a>                         |  Brazil   | Universidade Federal do Rio Grande do Norte   | <a href="#">RioGrandeNorte</a><br>diamond electrode   electrochemical oxidation   electrocatalysis   biosensors   electroanalysis  | 59      | 49          | 0.831               | 190       | 168         | 0.884               | 18604    | 12290       | 0.661               |
| 124   | 383     | 587    | 38710 | <a href="#">Esper Georges Kallás</a>                             |  Brazil   | Universidade de São Paulo USP                 | <a href="#">MedicinSÁfoaç!</a><br>Doenças Infecciosas e Parasitárias   Imunologia Celular  | 59      | 39          | 0.661               | 200       | 119         | 0.595               | 18257    | 9140        | 0.501               |
| 36  | 384     | 588    | 38820 | <a href="#">Rubens Maciel Filho</a>                              |  Brazil | Universidade Estadual de Campinas UNICAMP     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Processos Industriais de Engenharia Química / Especialidade: Processos Bioquímicos - Operações Industriais e Equipamentos p | 59      | 46          | 0.780               | 298       | 174         | 0.584               | 16851    | 9194        | 0.546               |
| 125   | 385     | 590    | 38969 | <a href="#">Ivone Albuquerque</a>                                |  Brazil | Universidade de São Paulo USP                 | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas   Astrofísica de Partículas   Cosmologia  | 59      | 39          | 0.661               | 133       | 91          | 0.684               | 15582    | 7999        | 0.513               |
| 126   | 386     | 591    | 38994 | <a href="#">Siu Mui Tsai</a>                                     |  Brazil | Universidade de São Paulo USP                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Microbial Ecology   Plant Genetics   Molecular Markers   Nitrogen Fixation  | 59      | 40          | 0.678               | 188       | 138         | 0.734               | 15425    | 6337        | 0.411               |
| 6   | 387     | 592    | 39002 | <a href="#">Renato Veras</a>                                     |  Brazil | Universidade do Estado do Rio de Janeiro UERJ | <a href="#">UERJ</a><br>Saúde Pública   Geriatria e Gerontologia   | 59      | 30          | 0.508               | 136       | 75          | 0.551               | 15393    | 4077        | 0.265               |
| 6   | 388     | 593    | 39024 | <a href="#">Felipe Barreto Schuch</a>                            |  Brazil | Universidade Federal de Santa Maria UFSM      | Exercício   Depressão   Qualidade de Vida   Atividade física   exercise  | 59      | 55          | 0.932               | 119       | 115         | 0.966               | 15206    | 13818       | 0.909               |




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| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 389     | 594    | 39063 | <a href="#">Joaquim Araujo Nobrega</a>        |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 59      | 30          | 0.508               | 252       | 104         | 0.413               | 14997    | 3344        | 0.223               |
| 2   | 390     | 595    | 39078 | <a href="#">Fernando Wypych</a>               |  Brazil   | <a href="#">Universidade Federal do Paraná</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   engenharia e ciencia de materiais  | 59      | 32          | 0.542               | 190       | 130         | 0.684               | 14923    | 5863        | 0.393               |
| 127   | 391     | 597    | 39101 | <a href="#">Miguel Trefaut Rodrigues</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Herpetology   Evolution   | 59      | 42          | 0.712               | 268       | 168         | 0.627               | 14770    | 6412        | 0.434               |
| 128   | 392     | 598    | 39197 | <a href="#">Ricardo Antunes Azevedo</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agriculture  | 59      | 39          | 0.661               | 201       | 136         | 0.677               | 14271    | 6227        | 0.436               |
| 2   | 393     | 599    | 39313 | <a href="#">José Geraldo Mill</a>             |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>   | <a href="#">Medical and Health Sciences / Physiology</a><br>Doenças cardiovasculares   Fisiologia Cardiovascular   | 59      | 36          | 0.610               | 240       | 156         | 0.650               | 13735    | 7161        | 0.521               |
| 20  | 394     | 600    | 39359 | <a href="#">Guilherme L Werneck</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Spatial analysis   Neglected tropical diseases   Leishmaniasis   Epidemiology of infectious diseases                          | 59      | 39          | 0.661               | 188       | 137         | 0.729               | 13548    | 6303        | 0.465               |
| 7   | 395     | 601    | 39420 | <a href="#">Erico Marlon De Moraes Flores</a> |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 59      | 42          | 0.712               | 283       | 217         | 0.767               | 13298    | 7686        | 0.578               |
| 129   | 396     | 602    | 39444 | <a href="#">Jorge Melendez</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>            | <a href="#">Natural Sciences / Physics</a><br>Astronomy  | 59      | 39          | 0.661               | 131       | 112         | 0.855               | 13190    | 5116        | 0.388               |
| 130   | 397     | 603    | 39473 | <a href="#">Igor Polikarpov</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>            | <a href="#">Titular</a><br>Biotecnologia Molecular e Biologia Estrutural   | 59      | 34          | 0.576               | 214       | 131         | 0.612               | 13086    | 5068        | 0.387               |
| 17  | 398     | 604    | 39496 | <a href="#">Olindo Assis Martins-Filho</a>    |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                    | <a href="#">FIOCRUZ</a>  | 59      | 33          | 0.559               | 280       | 191         | 0.682               | 13022    | 5397        | 0.414               |
| 1   | 399     | 606    | 39582 | <a href="#">Jorge Salluh</a>                  |  Brazil | <a href="#">Instituto D'Or Pesquisa e Ensino</a>         | <a href="#">Researcher Critical Care, D'OR Institute for Research and Education: PostGrad Program ...</a><br>ICU benchmarking   ICU organization   global health quality improvement and outcomes research   sepsis/delirium | 59      | 43          | 0.729               | 157       | 118         | 0.752               | 12642    | 7520        | 0.595               |
| 131   | 400     | 607    | 39659 | <a href="#">Rosa Maria Rodrigues Pereira</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>            | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Osteoporose Induzida por GC   Vasculites   Doenças reumatológicas Juvenis  | 59      | 42          | 0.712               | 255       | 208         | 0.816               | 12366    | 7361        | 0.595               |
| 4   | 401     | 608    | 39721 | <a href="#">Antonio Alberto Lopes</a>         |  Brazil | <a href="#">Universidade Federal da Bahia</a>            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Evidence Based Medicine   Nephrology  | 59      | 35          | 0.593               | 131       | 79          | 0.603               | 12130    | 4504        | 0.371               |
| 132   | 402     | 609    | 39752 | <a href="#">Marcos Rossi</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>            | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia   Cardiologia   | 59      | 29          | 0.492               | 200       | 82          | 0.410               | 12031    | 2588        | 0.215               |

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|---|---------|--------|-------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 23  | 403     | 610    | 39785 | <a href="#">Sergio Costa Oliveira</a>         |  Brazil   | Universidade Federal de Minas Gerais UFMG              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 59      | 34          | 0.576               | 195       | 125         | 0.641               | 11902    | 4291        | 0.361               |
| 133   | 404     | 611    | 39793 | <a href="#">Carlos De Paula Eduardo</a>       |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Laser   dentistry   restorative dentistry   esthetic dentistry               | 59      | 32          | 0.542               | 191       | 108         | 0.565               | 11855    | 3743        | 0.316               |
| 134   | 405     | 613    | 39864 | <a href="#">Renata Zukanovich Funchal</a>     |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Natural Sciences / Physics</a><br>Physique des Particules   | 59      | 23          | 0.390               | 133       | 46          | 0.346               | 11556    | 2375        | 0.206               |
| 18  | 406     | 614    | 39962 | <a href="#">Andreimar Martins Soares</a>      |  Brazil   | Fundação Oswaldo Cruz                                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biotecnologia e Toxinologia                                  | 59      | 31          | 0.525               | 204       | 145         | 0.711               | 11181    | 3981        | 0.356               |
| 37  | 407     | 615    | 39963 | <a href="#">Altair Antoninha Del Bel Cury</a> |  Brazil   | Universidade Estadual de Campinas UNICAMP              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry  | 59      | 37          | 0.627               | 201       | 149         | 0.741               | 11175    | 4843        | 0.433               |
| 21  | 408     | 616    | 39983 | <a href="#">Jerson L Silva</a>                |  Brazil   | Universidade Federal do Rio de Janeiro                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Protein Aggregation   Protein Misfolding   p53   Protein Folding   Prions | 59      | 31          | 0.525               | 177       | 87          | 0.492               | 11075    | 3268        | 0.295               |
| 4   | 409     | 617    | 39990 | <a href="#">Guarino Rinaldi Colli</a>         |  Brazil   | Universidade de Brasília UNB                           | <a href="#">Natural Sciences / Biological Science</a><br>Herpetology   Biogeography   Ecology   Conservation   Systematics              | 59      | 37          | 0.627               | 161       | 116         | 0.720               | 11053    | 5275        | 0.477               |
| 6   | 410     | 619    | 40083 | <a href="#">Paulo Sérgio Pizani</a>           |  Brazil   | Universidade Federal de São Carlos                     | <a href="#">Natural Sciences / Physics</a><br>Física de Materiais   | 59      | 26          | 0.441               | 199       | 97          | 0.487               | 10591    | 2837        | 0.268               |
| 3   | 411     | 623    | 40146 | <a href="#">Roderik A. Overzier</a>           |  Brazil  | Observatorio Nacional                                  | <a href="#">Natural Sciences / Physics</a><br>Astrophysics  | 59      | 39          | 0.661               | 108       | 86          | 0.796               | 10107    | 4480        | 0.443               |
| 135   | 412     | 624    | 40185 | <a href="#">Francisco José Krug</a>           |  Brazil | Universidade de São Paulo USP                          | <a href="#">/CENA</a>   | 59      | 23          | 0.390               | 136       | 55          | 0.404               | 9777     | 1660        | 0.170               |
| 18  | 413     | 625    | 40206 | <a href="#">Carlos Eduardo Vergani</a>        |  Brazil | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">UNIVESTADUALPAULISTA</a><br>SAÚDE   | 59      | 37          | 0.627               | 154       | 121         | 0.786               | 9433     | 4107        | 0.435               |
| 136   | 414     | 626    | 40243 | <a href="#">Polanczyk GV</a>                  |  Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>psiquiatria da infancia e adolescencia                                      | 58      | 40          | 0.690               | 134       | 112         | 0.836               | 62016    | 35417       | 0.571               |
| 137   | 415     | 629    | 40443 | <a href="#">Mauricio S Baptista</a>           |  Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Fotobioquímica  | 58      | 40          | 0.690               | 170       | 119         | 0.700               | 21833    | 11681       | 0.535               |

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|---|---------|--------|-------|--|--|---|---|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 38  | 416     | 630    | 40462 | <a href="#">Anderson Campos Fauth</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Physics</a><br>Physics   cosmic rays   astroparticle                                 | 58    | 39          | 0.672               | 130   | 92          | 0.708               | 21351 | 9544        | 0.447               |
| 2   | 417     | 632    | 40605 | <a href="#">Rogerio Menezes De Almeida</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>             |   | 58    | 40          | 0.690               | 99    | 77          | 0.778               | 17936 | 6809        | 0.380               |
| 138   | 418     | 633    | 40655 | <a href="#">José Roberto Postali Parra</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biological Control   Biology                               | 58    | 31          | 0.534               | 318   | 143         | 0.450               | 17293 | 5397        | 0.312               |
| 39  | 419     | 636    | 40785 | <a href="#">Fernando Ferreira Costa</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Hematology</a><br>medicine   hematology                                   | 58    | 26          | 0.448               | 312   | 128         | 0.410               | 16066 | 4828        | 0.301               |
| 22  | 420     | 637    | 40828 | <a href="#">Eliezer J Barreiro</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Medicinal   | 58    | 30          | 0.517               | 244   | 105         | 0.430               | 15780 | 5817        | 0.369               |
| 23  | 421     | 638    | 40833 | <a href="#">Ej Barreiro</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química medicinal   farmacologia                            | 58    | 30          | 0.517               | 243   | 105         | 0.432               | 15756 | 5813        | 0.369               |
| 7   | 422     | 639    | 40892 | <a href="#">Victor Carlos Pandolfelli</a>    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">Engineering &amp; Technology / Engineering</a><br>Materiais Cerâmicos                                   | 58    | 34          | 0.586               | 312   | 169         | 0.542               | 15401 | 5254        | 0.341               |
| 139   | 423     | 640    | 40951 | <a href="#">Emmanuel De Almeida Burdmann</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nephrology   Acute kidney injury                        | 58    | 35          | 0.603               | 158   | 99          | 0.627               | 15062 | 6887        | 0.457               |
| 1   | 424     | 641    | 41303 | <a href="#">Anderson Michael Rodrigues</a>   |  Brazil | <a href="#">Faculdades La Salle UNILASALLE</a>              | <a href="#">Assistência Técnica e Pós Vendas em â€¦</a><br>Assistência Técnica e Pós Vendas em Hospitais e Clínicas | 58    | 33          | 0.569               | 145   | 90          | 0.621               | 13362 | 4236        | 0.317               |
| 140   | 425     | 642    | 41377 | <a href="#">Roberto Ruggiero Braga</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   polymer science                              | 58    | 38          | 0.655               | 120   | 100         | 0.833               | 13110 | 5289        | 0.403               |
| 141   | 426     | 643    | 41434 | <a href="#">Sergio Verjovski Almeida</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>gene expression regulation   noncoding RNA                  | 58    | 30          | 0.517               | 140   | 80          | 0.571               | 12889 | 3265        | 0.253               |
| 7   | 427     | 646    | 41561 | <a href="#">Jesui Vergilio Visentainer</a>   |  Brazil | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Alimentos</a><br>Alimentos  | 58    | 38          | 0.655               | 248   | 176         | 0.710               | 12458 | 6608        | 0.530               |
| 7   | 428     | 647    | 41577 | <a href="#">Roberto Cid Fernandes</a>        |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Natural Sciences / Physics</a><br>astronomy   astrophysics  | 58    | 39          | 0.672               | 106   | 78          | 0.736               | 12402 | 5627        | 0.454               |



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| University  | Country | Region | World | Name                                       | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 429     | 648    | 41581 | <a href="#">Antonio Luiz Braga</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 58      | 34          | 0.586               | 246       | 125         | 0.508               | 12392    | 4046        | 0.327               |
| 24  | 430     | 649    | 41686 | <a href="#">Celuta Sales Alviano</a>       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Micologia   Estrutura de superfície de Microrganismos                                   | 58      | 32          | 0.552               | 179       | 91          | 0.508               | 12033    | 4060        | 0.337               |
| 24  | 431     | 651    | 41692 | <a href="#">Cesar Augusto Piccinini</a>    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">RioGrandeSulBrazilwww.ufrgs.br/nudif</a><br>Early parent-child relationships   Evaluation of early intervention   | 58      | 32          | 0.552               | 170       | 109         | 0.641               | 12025    | 3823        | 0.318               |
| 1   | 432     | 652    | 41698 | <a href="#">Maria Fatima Grossi de Sa</a>  |  Brazil   | <a href="#">Embrapa Genetic Resources and Biotechnology</a>     | <a href="#">Agriculture &amp; Forestry / Agricultural Biotechnology</a><br>Agricultural   Plant-Pest Interaction   Plant Science                                      | 58      | 32          | 0.552               | 203       | 122         | 0.601               | 12013    | 4286        | 0.357               |
| 19  | 433     | 653    | 41755 | <a href="#">Ligia Giovanella</a>           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Ensp/Fiocruz</a>  | 58      | 45          | 0.776               | 136       | 113         | 0.831               | 11820    | 6917        | 0.585               |
| 7   | 434     | 654    | 41771 | <a href="#">Andréa Homs Dâmaso</a>         |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   | 58      | 43          | 0.741               | 160       | 139         | 0.869               | 11768    | 6282        | 0.534               |
| 142   | 435     | 655    | 41787 | <a href="#">Leticia Costa Lotufo</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Natural Products   Anticancer drug discovery and development   ecotoxicology | 58      | 33          | 0.569               | 251       | 171         | 0.681               | 11715    | 5096        | 0.435               |
| 7   | 436     | 656    | 41823 | <a href="#">Mário Fonseca Paulino</a>      |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>beef cattle  | 58      | 25          | 0.431               | 247       | 87          | 0.352               | 11578    | 2977        | 0.257               |
| 143   | 437     | 657    | 41831 | <a href="#">Gustavo Pompermaier Garlet</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Inflammation   immunology   bone biology   bone resorption   periodontal disease                             | 58      | 38          | 0.655               | 153       | 138         | 0.902               | 11555    | 5266        | 0.456               |
| 144   | 438     | 660    | 41948 | <a href="#">Eduardo Massad</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Psychology</a><br>Medicine   Epidemiology   Neurosciences   Mathematical Modeling   Social Psychology                                   | 58      | 27          | 0.466               | 230       | 103         | 0.448               | 11130    | 3332        | 0.299               |
| 8   | 439     | 661    | 41977 | <a href="#">Adley Forti Rubira</a>         |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Polymer Science   surface chemistry   interfaces  | 58      | 36          | 0.621               | 198       | 130         | 0.657               | 10996    | 5419        | 0.493               |
| 7   | 440     | 662    | 42062 | <a href="#">Gerly Anne de Castro Brito</a> |  Brazil | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Clostridium difficile  | 58      | 34          | 0.586               | 196       | 165         | 0.842               | 10639    | 4875        | 0.458               |


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|---|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 40  | 441     | 663    | 42125 | <a href="#">Marcio Casati</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Dentistry</a><br>PERIODONTOLOGY  | 58      | 34          | 0.586               | 194       | 141         | 0.727               | 10349    | 4788        | 0.463               |
| 145   | 442     | 664    | 42211 | <a href="#">Marisa Helena Gennari De Medeiros</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">UniversidSão paulo</a><br>DNA damage   redox stress   singlet oxygen   reactive aldehydes  | 58      | 33          | 0.569               | 134       | 88          | 0.657               | 9919     | 3590        | 0.362               |
| 10  | 443     | 665    | 42241 | <a href="#">Mauricio Martins Rodrigues</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Parasitology   Biology  | 58      | 24          | 0.414               | 140       | 85          | 0.607               | 9600     | 2241        | 0.233               |
| 146   | 444     | 668    | 42439 | <a href="#">José Antonio Cortes De Oliveira</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Physiology</a><br>Nephrology   | 57      | 39          | 0.684               | 167       | 109         | 0.653               | 24857    | 17939       | 0.722               |
| 147   | 445     | 669    | 42466 | <a href="#">Helois Bettiol</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | saúde materno-infantil   epidemiologia   origem desenvolvimentista da saúde e da doença  | 57      | 35          | 0.614               | 177       | 105         | 0.593               | 23779    | 16479       | 0.693               |
| 148   | 446     | 671    | 42741 | <a href="#">Jose Ricardo Ayres</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | Primary Health Care   Public Health   Preventive Medicine   Social Medicine  | 57      | 33          | 0.579               | 146       | 80          | 0.548               | 16966    | 4932        | 0.291               |
| 3   | 447     | 672    | 42858 | <a href="#">Carlos Alberto Quesada</a>            |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>   | <a href="#">Pesquisador Instituto Nacional de Pesquisas da Amazônia</a><br>Amazonia   soils   bigeochemistry   ecosystem ecology                                   | 57      | 46          | 0.807               | 96        | 87          | 0.906               | 15666    | 8134        | 0.519               |
| 1   | 448     | 673    | 42897 | <a href="#">Carlos E. De Souza</a>                |  Brazil  | <a href="#">Laboratorio Nacional de Computacao Cientifica</a> | <a href="#">Professor, National Laboratory for Scientific Computing (LNCC), Brazil</a><br>Control Systems   Robust Control   Robust Filtering   Time-delay Systems | 57      | 22          | 0.386               | 129       | 45          | 0.349               | 15350    | 2245        | 0.146               |
| 25  | 449     | 676    | 42994 | <a href="#">Radovan Borojevic</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cell biology and pathology   regenerative medicine  | 57      | 30          | 0.526               | 245       | 92          | 0.376               | 14662    | 3870        | 0.264               |
| 9   | 450     | 678    | 43046 | <a href="#">J Vladimir Oliveira</a>               |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Termodinâmica   Biodiesel   Biotecnologia   Engenharia de Alimentos    | 57      | 35          | 0.614               | 304       | 202         | 0.664               | 14425    | 7057        | 0.489               |
| 149   | 451     | 679    | 43083 | <a href="#">Gilberto José De Moraes</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">SuperiorAgriculturLuizQueiroz</a><br>Acarology   Biological Control   Taxonomy   | 57      | 28          | 0.491               | 310       | 153         | 0.494               | 14284    | 5365        | 0.376               |
| 26  | 452     | 680    | 43156 | <a href="#">Edson Marchiori</a>                   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiologia Torácica   | 57      | 32          | 0.561               | 358       | 195         | 0.545               | 13918    | 6621        | 0.476               |



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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 453     | 681    | 43183 | <a href="#">Maria Valnice Boldrin Zanoni</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   eletroanalítica   corantes  | 57      | 39          | 0.684               | 212       | 134         | 0.632               | 13769    | 6666        | 0.484               |
| 2   | 454     | 682    | 43215 | <a href="#">Valdiney V Gouveia</a>  |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Social Sciences / Psychology</a><br>Human values   Attitudes   Antisocial and Prosocial Behaviors   Personality Traits   Subjective Well-Being              | 57      | 37          | 0.649               | 207       | 138         | 0.667               | 13612    | 6087        | 0.447               |
| 41  | 455     | 683    | 43232 | <a href="#">Miriam Hubinger</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>microencapsulação   secagem   processos de concentração por membrana   secagem por spray | 57      | 47          | 0.825               | 163       | 129         | 0.791               | 13560    | 7723        | 0.570               |
| 24  | 456     | 685    | 43266 | <a href="#">Wagner Meira Jr</a><br><a href="#">Wagner Meira Wagner Meira Junior</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data mining   parallel and distributed computing   | 57      | 35          | 0.614               | 201       | 101         | 0.502               | 13368    | 5900        | 0.441               |
| 150   | 457     | 687    | 43340 | <a href="#">Yeda Ao Duarte</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Geriatrics</a><br>gerontologia  | 57      | 41          | 0.719               | 221       | 165         | 0.747               | 13041    | 6484        | 0.497               |
| 4   | 458     | 688    | 43359 | <a href="#">Monica Costa</a>  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia  | 57      | 40          | 0.702               | 164       | 121         | 0.738               | 12970    | 7704        | 0.594               |
| 151   | 459     | 689    | 43419 | <a href="#">Marcos S Buckeridge</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">BiosBotany</a><br>bioenergia   mudanças climáticas globais   biologia de sistemas   | 57      | 36          | 0.632               | 180       | 130         | 0.722               | 12786    | 7147        | 0.559               |
| 3   | 460     | 690    | 43429 | <a href="#">Luiz Pereira Ramos</a>  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biomassa   bioenergia   biocombustíveis   etanol   biodiesel  | 57      | 35          | 0.614               | 149       | 117         | 0.785               | 12740    | 5244        | 0.412               |
| 25  | 461     | 691    | 43504 | <a href="#">Mara H Hutz</a>   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   | 57      | 28          | 0.491               | 241       | 109         | 0.452               | 12507    | 3368        | 0.269               |
| 42  | 462     | 692    | 43525 | <a href="#">Douglas S Galvao</a>  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materials science   nanotechnology   computer simulations                   | 57      | 37          | 0.649               | 202       | 129         | 0.639               | 12442    | 5260        | 0.423               |
| 27  | 463     | 693    | 43583 | <a href="#">Daniela Szilard</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Physics</a><br>Physics   Physics Education Research   Cavity Quantum Electrodynamics   | 57      | 38          | 0.667               | 83        | 71          | 0.855               | 12279    | 5282        | 0.430               |
| 20  | 464     | 694    | 43585 | <a href="#">Eloi Garcia</a>   |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador da Fiocruz</a><br>Parasitologia   Bioquímica  | 57      | 29          | 0.509               | 202       | 83          | 0.411               | 12274    | 4439        | 0.362               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 26  | 465     | 697    | 43807 | <a href="#">Paulo César De Faccio Carvalho</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Grazing Ecology and Integrated crop-livestock systems</a>   grazing management   ingestive behavior   integrated crop-livestock systems   rangelands | 57      | 39          | 0.684               | 227       | 150         | 0.661               | 11634    | 6154        | 0.529               |
| 8   | 466     | 698    | 43884 | <a href="#">Almir Del Prette</a>               |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Social Sciences / Psychology</a>   Psicologia   Habilidades Sociais   Assertividade   Competência Social   | 57      | 35          | 0.614               | 127       | 87          | 0.685               | 11435    | 4284        | 0.375               |
| 152   | 467     | 700    | 43900 | <a href="#">José Carlos Alves Filho</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacology</a>   Imunofarmacologia   inflamação   imunomodulação   | 57      | 41          | 0.719               | 160       | 139         | 0.869               | 11393    | 7029        | 0.617               |
| 25  | 468     | 701    | 43930 | <a href="#">Egler Chiari</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Protozoologia   Imunologia   Bioquímica  | 57      | 25          | 0.439               | 164       | 72          | 0.439               | 11290    | 3003        | 0.266               |
| 153   | 469     | 702    | 43983 | <a href="#">Hamilton Roschel</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a>   nutrition and exercise in health and performance   | 57      | 44          | 0.772               | 163       | 150         | 0.920               | 11133    | 7792        | 0.700               |
| 154   | 470     | 703    | 44107 | <a href="#">Amélia Pasqual Marques</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Physiotherapy</a>   Fisioterapia   Fibromialgia   dor   postura   Alongamento muscular                                 | 57      | 35          | 0.614               | 159       | 106         | 0.667               | 10687    | 4487        | 0.420               |
| 27  | 471     | 704    | 44127 | <a href="#">SO Kepler</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a>   astronomy   | 57      | 28          | 0.491               | 171       | 86          | 0.503               | 10634    | 3305        | 0.311               |
| 26  | 472     | 706    | 44238 | <a href="#">Luiz Renato De Franca</a>          |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Reproductive Biology Minas Gerais</a>   Reproductive Biology   Endocrinology   Cell and Molecular Biology  | 57      | 34          | 0.596               | 107       | 79          | 0.738               | 10323    | 3940        | 0.382               |
| 21  | 473     | 707    | 44257 | <a href="#">Marcio Lourenço Rodrigues</a>      |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Microbiology</a>   Microbiologia   | 57      | 37          | 0.649               | 144       | 120         | 0.833               | 10283    | 5447        | 0.530               |
| 155   | 474     | 709    | 44279 | <a href="#">Ivo Arnhold</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a>   Crescimento   puberdade e desenvolvimento sexual                                    | 57      | 29          | 0.509               | 165       | 82          | 0.497               | 10205    | 2838        | 0.278               |
| 156   | 475     | 710    | 44285 | <a href="#">Maria Helena Palucci Marziale</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirão Preto São Paulo</a>   Enfermagem e Saúde do Trabalhador   | 57      | 32          | 0.561               | 203       | 109         | 0.537               | 10185    | 3674        | 0.361               |
| 157   | 476     | 711    | 44312 | <a href="#">Jas Lima</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a>   Cosmology   Statistical Mechanics   Kinetic Theory   Field Theory   | 57      | 27          | 0.474               | 134       | 69          | 0.515               | 10056    | 2567        | 0.255               |

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| University  | Country | Region | World | Name                                       | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 43  | 477     | 715    | 44818 | <a href="#">Jose Mario Martinez</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Mathematics</a><br>Optimization   Non-linear programming   | 56      | 34          | 0.607               | 175       | 83          | 0.474               | 18160    | 8223        | 0.453               |
| 27  | 478     | 717    | 44923 | <a href="#">Ricardo Santiago Gomez</a>     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Medicine   Dentistry   Oral Pathology   Oral Cancer   | 56      | 38          | 0.679               | 303       | 192         | 0.634               | 16802    | 10347       | 0.616               |
| 158   | 479     | 718    | 44975 | <a href="#">Carlos Fm Menck</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>mutagenese   Reparo de DNA   Transferencia Horizontal   | 56      | 37          | 0.661               | 168       | 98          | 0.583               | 16202    | 5227        | 0.323               |
| 44  | 480     | 719    | 44987 | <a href="#">Carlos Alfredo Joly</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Vegetal   Conservação da Biodiversidade   | 56      | 33          | 0.589               | 139       | 81          | 0.583               | 16080    | 8384        | 0.521               |
| 159   | 481     | 722    | 45341 | <a href="#">Ivan Cecconello</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">dasAparelhoDigestivoeColoproctologiã!</a><br>Cirurgia do Aparelho Digestivo   | 56      | 35          | 0.625               | 251       | 158         | 0.629               | 13788    | 7175        | 0.520               |
| 160   | 482     | 723    | 45348 | <a href="#">Jair Licio Ferreira Santos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Envelhecimento   Demografia   Desenvolvimento Infantil                                | 56      | 38          | 0.679               | 247       | 135         | 0.547               | 13777    | 5667        | 0.411               |
| 8   | 483     | 724    | 45424 | <a href="#">Bernardo Baldisserotto</a>     |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>fish physiology   aquatic animals anesthesia   fish osmoregulation   fish culture                           | 56      | 43          | 0.768               | 275       | 226         | 0.822               | 13416    | 7689        | 0.573               |
| 20  | 484     | 725    | 45489 | <a href="#">Patricia Morellato</a>         |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Phenology   Plant-animal interactions   climatic change   Fragmentation                                      | 56      | 39          | 0.696               | 142       | 110         | 0.775               | 13163    | 5626        | 0.427               |
| 161   | 485     | 726    | 45500 | <a href="#">Fernando Ferreira</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   SIG   Dinâmica Populacional de Doenças Infecciosas   Análise de Risco | 56      | 34          | 0.607               | 272       | 193         | 0.710               | 13123    | 6069        | 0.462               |
| 21  | 486     | 728    | 45677 | <a href="#">Claudio De Oliveira</a>        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Fish Genetics   Fish Cytogenetics  | 56      | 35          | 0.625               | 300       | 172         | 0.573               | 12398    | 5428        | 0.438               |
| 9   | 487     | 729    | 45724 | <a href="#">Benedito Prado Dias Filho</a>  |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Ciências Farmacêuticas   Produtos Naturais  | 56      | 36          | 0.643               | 156       | 117         | 0.750               | 12278    | 5261        | 0.428               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 22  | 488     | 731    | 45768 | <a href="#">Ruben Romero</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power systems   Electrical Energy Systems   Sistemas de Potência   Sistemas de Energia Elétrica              | 56    | 41          | 0.732               | 120   | 89          | 0.742               | 12141 | 4664        | 0.384               |
| 162   | 489     | 732    | 45775 | <a href="#">Vera Luiza Capelozzi</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Pulmonary Pathology  | 56    | 31          | 0.554               | 251   | 135         | 0.538               | 12130 | 4320        | 0.356               |
| 22  | 490     | 733    | 45818 | <a href="#">Milena Soares</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   stem cell biology   pharmacology   tropical diseases  | 56    | 35          | 0.625               | 235   | 178         | 0.757               | 12007 | 5715        | 0.476               |
| 3   | 491     | 734    | 45839 | <a href="#">Vitor Francisco Ferreira</a>     |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese orgânica em carboidratos   heterociclos e naftoquinonas  | 56    | 33          | 0.589               | 258   | 147         | 0.570               | 11941 | 4979        | 0.417               |
| 28  | 492     | 735    | 45842 | <a href="#">Renato De Lima Santos</a>        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary Pathology   Infectious Diseases  | 56    | 33          | 0.589               | 157   | 112         | 0.713               | 11936 | 4748        | 0.398               |
| 163   | 493     | 736    | 45880 | <a href="#">Severino Matias Alencar</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Natural products   Phenolic compounds   Antioxidant activity   Bioaccessibility and Bioavailability   Mass Spectrometry | 56    | 45          | 0.804               | 174   | 147         | 0.845               | 11832 | 7028        | 0.594               |
| 23  | 494     | 737    | 45966 | <a href="#">Wagner Vilegas</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   biologia   farmacia  | 56    | 30          | 0.536               | 284   | 167         | 0.588               | 11583 | 4584        | 0.396               |
| 2   | 495     | 738    | 45970 | <a href="#">Marcio Soares</a>                |  Brazil  | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                       | <a href="#">Medical and Health Sciences / Intensive Care</a><br>Critical Care   Intensive Care Medicine   ICU Organization   Outcomes Research   Sepsis  | 56    | 38          | 0.679               | 138   | 100         | 0.725               | 11573 | 5584        | 0.483               |
| 9   | 496     | 744    | 46160 | <a href="#">Luiz Antonio Carlos Bertollo</a> |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Animal   | 56    | 25          | 0.446               | 223   | 120         | 0.538               | 11059 | 3134        | 0.283               |
| 164   | 497     | 745    | 46192 | <a href="#">Maria Inés Genovese</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science  | 56    | 46          | 0.821               | 114   | 95          | 0.833               | 10971 | 5234        | 0.477               |
| 165   | 498     | 746    | 46246 | <a href="#">Antonio C Tedesco</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | Photobiology   Photomedicine   Nanotechnology   Drug Delivery System   | 56    | 34          | 0.607               | 236   | 157         | 0.665               | 10851 | 4439        | 0.409               |
| 1   | 499     | 750    | 46355 | <a href="#">Alpina Begossi</a>               |  Brazil | <a href="#">Universidade Santa Cecília UNISANTA</a>                    | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Fisheries   Food   Human Ecology   Ethnobiology   Fisher's Knowledge   | 56    | 32          | 0.571               | 143   | 82          | 0.573               | 10529 | 3704        | 0.352               |
| 23  | 500     | 751    | 46463 | <a href="#">Carlos Ea Coimbra, Jr.</a>       |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Escola Nacional de Saúde Pública, Fundação Oswaldo Cruz, Rio de Janeiro</a><br>Indigenous People's Health   Medical Anthropology   Human Ecology   Health and Nutrition   Cerrado          | 56    | 26          | 0.464               | 159   | 68          | 0.428               | 10225 | 3283        | 0.321               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 501     | 752    | 46524 | <a href="#">Paulo Farinatti</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Education / Education</a><br>Physical Education   Physical Activity   Exercise Science   Health   | 56      | 33          | 0.589               | 184       | 118         | 0.641               | 10054    | 4029        | 0.401               |
| 24  | 502     | 753    | 46532 | <a href="#">Christovam Barcellos</a>        |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">Fundação Oswaldo Cruz</a>   | 56      | 34          | 0.607               | 143       | 98          | 0.685               | 10032    | 4222        | 0.421               |
| 25  | 503     | 754    | 46553 | <a href="#">Antoniana Kretzli</a>           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Ciências Biológicas  | 56      | 26          | 0.464               | 140       | 73          | 0.521               | 9977     | 2586        | 0.259               |
| 3   | 504     | 755    | 46562 | <a href="#">João Ricardo Sato</a>           |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>             | Neuroimaging   Neurodevelopment   Data Science   Education   Science of Learning  | 56      | 41          | 0.732               | 187       | 156         | 0.834               | 9951     | 6305        | 0.634               |
| 45  | 505     | 759    | 46692 | <a href="#">Rosiane Lopes Da Cunha</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">ICampinas</a><br>Reologia   emulsões   engenharia de alimentos  | 56      | 45          | 0.804               | 186       | 155         | 0.833               | 9467     | 6367        | 0.673               |
| 166   | 506     | 760    | 46696 | <a href="#">Vanda Jorgetti</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medici</a>  | 56      | 32          | 0.571               | 143       | 91          | 0.636               | 9444     | 3234        | 0.342               |
| 28  | 507     | 761    | 46699 | <a href="#">Alexander WA Kellner</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Museu/UFRJ</a><br>Paleontologia   Systematics   Fossils   | 56      | 31          | 0.554               | 180       | 118         | 0.656               | 9424     | 3623        | 0.384               |
| 2   | 508     | 762    | 46708 | <a href="#">Luiz Vicente Rizzo</a>          |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>            | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology  | 56      | 24          | 0.429               | 131       | 75          | 0.573               | 9329     | 2776        | 0.298               |
| 10  | 509     | 764    | 46754 | <a href="#">Rosane Marina Peralta</a>       |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>              |   | 56      | 39          | 0.696               | 176       | 140         | 0.795               | 9052     | 5169        | 0.571               |
| 167   | 510     | 765    | 46809 | <a href="#">Roberto Manuel Torresi</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a>  | 56      | 26          | 0.464               | 159       | 64          | 0.403               | 8481     | 2266        | 0.267               |
| 168   | 511     | 766    | 46843 | <a href="#">Alessandra Carvalho Goulart</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology   cerebrovascular disease   cardiovascular risk factors   neuropsychiatric | 55      | 48          | 0.873               | 153       | 135         | 0.882               | 58915    | 56511       | 0.959               |
| 26  | 512     | 768    | 46908 | <a href="#">Edson Duarte Moreira Junior</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Infectologia  | 55      | 34          | 0.618               | 112       | 78          | 0.696               | 30069    | 17656       | 0.587               |
| 8   | 513     | 770    | 47007 | <a href="#">Wagner L Araujo *</a>           |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>            | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Physiology  | 55      | 44          | 0.800               | 134       | 124         | 0.925               | 21505    | 12464       | 0.580               |
| 5   | 514     | 771    | 47134 | <a href="#">Paulo Suarez</a>                |  Brazil | <a href="#">Universidade de Brasília UNB</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biofuels   Biomaterials   Waste Valorization   Catalysis  | 55      | 32          | 0.582               | 123       | 89          | 0.724               | 18135    | 3640        | 0.201               |













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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 515     | 774    | 47358 | <a href="#">Helder Nakaya</a>   |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Systems Biology   | 55      | 45          | 0.818               | 119       | 115         | 0.966               | 15329    | 9981        | 0.651               |
| 9   | 516     | 775    | 47371 | <a href="#">Edenio Detmann</a>  |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Ruminant Nutrition  | 55      | 32          | 0.582               | 295       | 157         | 0.532               | 15229    | 6654        | 0.437               |
| 46  | 517     | 777    | 47505 | <a href="#">Iscia Lopes Cendes</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Medical Genetics</a>   | 55      | 31          | 0.564               | 195       | 127         | 0.651               | 14231    | 4461        | 0.313               |
| 6   | 518     | 778    | 47621 | <a href="#">José Ivo Baldani</a>  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Pesquisador Microbiologia do Solo, Embrapa Agrobiologia</a><br>fixação biológica de nitrogênio   endófitos   genômica funcional   bactérias diazotróficas   inoculante | 55      | 37          | 0.673               | 129       | 87          | 0.674               | 13638    | 4182        | 0.307               |
| 1   | 519     | 781    | 47759 | <a href="#">Renato Ambrósio Jr</a><br>     |  Brazil   | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a> | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>refractive surgery   keratoconus   cataract   cornea imaging   biomechanics   | 55      | 43          | 0.782               | 164       | 133         | 0.811               | 13042    | 6892        | 0.528               |
| 1   | 520     | 783    | 47885 | <a href="#">Ricardo Paes De Barros</a><br> |  Brazil   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                   | <a href="#">Social Sciences / Political Science</a><br>políticas públicas   educação   primeira infância   desigualdade   pobreza e mercado de trabalho                            | 55      | 26          | 0.473               | 150       | 49          | 0.327               | 12542    | 2536        | 0.202               |
| 4   | 521     | 784    | 47904 | <a href="#">Gomes Prs</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                         | <a href="#">Natural Sciences / Physics</a><br>física   | 55      | 26          | 0.473               | 165       | 73          | 0.442               | 12477    | 2765        | 0.222               |
| 47  | 522     | 785    | 47938 | <a href="#">Marcelo Knobel</a>  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Physics</a><br>Physics   magnetism   nanoscience   science popularization   higher education  | 55      | 28          | 0.509               | 251       | 96          | 0.382               | 12352    | 3391        | 0.275               |
| 169   | 523     | 787    | 48018 | <a href="#">Alvaro Pires Da Silva</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Physics</a><br>Soil Science   | 55      | 31          | 0.564               | 205       | 114         | 0.556               | 12088    | 4045        | 0.335               |
| 27  | 524     | 788    | 48091 | <a href="#">Simone Gonçalves De Assis</a>   |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                   | <a href="#">Pesquisador, Fundação Oswaldo Cruz</a><br>Violência  | 55      | 35          | 0.636               | 135       | 90          | 0.667               | 11874    | 4216        | 0.355               |
| 24  | 525     | 789    | 48092 | <a href="#">Fausto Foresti</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Animal   Genética de Peixes   Marcadores Genéticos   Citogenética                                  | 55      | 31          | 0.564               | 283       | 145         | 0.512               | 11869    | 4193        | 0.353               |
| 4   | 526     | 790    | 48102 | <a href="#">Jailson Alcaniz</a>   |  Brazil | <a href="#">Observatorio Nacional</a>                                   | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Dark energy   General Relativity   The Large-Scale Structure of the Universe   | 55      | 30          | 0.545               | 167       | 113         | 0.677               | 11852    | 6451        | 0.544               |
















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| University  | Country | Region | World | Name                                       | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 170   | 527     | 791    | 48116 | <a href="#">Francisco Eulógio Martinez</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>neonatologia   | 55      | 27          | 0.491               | 279       | 122         | 0.437               | 11809    | 3871        | 0.328               |
| 8   | 528     | 792    | 48133 | <a href="#">José S Andrade Jr</a>          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Natural Sciences / Physics</a><br>Complex Systems   Critical Phenomena   Statistical Physics  | 55      | 29          | 0.527               | 182       | 94          | 0.516               | 11744    | 4073        | 0.347               |
| 3   | 529     | 793    | 48142 | <a href="#">Giancarlo Guizzardi</a>        |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Conceptual Modeling   Applied Ontology   Conceptual Modelling   Ontology Engineering   Enterprise Modeling | 55      | 34          | 0.618               | 191       | 132         | 0.691               | 11733    | 5330        | 0.454               |
| 48  | 530     | 794    | 48233 | <a href="#">João Ernesto De Carvalho</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   câncer   produtos naturais   inflamação   úlcera                       | 55      | 37          | 0.673               | 227       | 167         | 0.736               | 11506    | 5895        | 0.512               |
| 28  | 531     | 795    | 48299 | <a href="#">Nilo Cesar Consoli</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geotechnical Engineering   ground improvement   new geomaterials   | 55      | 49          | 0.891               | 154       | 134         | 0.870               | 11376    | 6403        | 0.563               |
| 9   | 532     | 796    | 48317 | <a href="#">Nilo Zanatta</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese orgânica   métodos espectroscópicos   química medicinal   | 55      | 21          | 0.382               | 259       | 102         | 0.394               | 11323    | 2900        | 0.256               |
| 29  | 533     | 797    | 48318 | <a href="#">Andrea M Bernardes</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGS</a>   | 55      | 43          | 0.782               | 190       | 162         | 0.853               | 11321    | 6543        | 0.578               |
| 171   | 534     | 798    | 48329 | <a href="#">Regina Fisberg</a>             |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>nutrição   epidemiologia nutricional   consumo alimentar  | 55      | 37          | 0.673               | 198       | 142         | 0.717               | 11291    | 5729        | 0.507               |
| 29  | 535     | 799    | 48344 | <a href="#">Luiz Ca Oliveira</a>           |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>catálise   materiais   meio ambiente   adsorção   óxido de ferro e nióbio   | 55      | 37          | 0.673               | 168       | 136         | 0.810               | 11248    | 5529        | 0.492               |
| 49  | 536     | 800    | 48449 | <a href="#">Roger Frigério Castilho</a>    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Pathology</a><br>Bioenergética Mitocondrial   Metabolismo   Neuroquímica   Radicais Livres  | 55      | 24          | 0.436               | 100       | 64          | 0.640               | 10999    | 2756        | 0.251               |
| 29  | 537     | 801    | 48460 | <a href="#">Marcelo T Bozza</a>            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Inflammation   | 55      | 33          | 0.600               | 110       | 88          | 0.800               | 10973    | 4596        | 0.419               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 10  | 538     | 802    | 48510 | <a href="#">Juliano Ferreira</a>                |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   bioquímica   produtos naturais                                 | 55      | 33          | 0.600               | 173       | 130         | 0.751               | 10857    | 4318        | 0.398               |
| 172   | 539     | 803    | 48529 | <a href="#">Ohara Augusto</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Biophysics   Toxicology   Chemistry  | 55      | 27          | 0.491               | 141       | 77          | 0.546               | 10819    | 2544        | 0.235               |
| 50  | 540     | 804    | 48534 | <a href="#">Paulo Arruda</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Plant Biology  | 55      | 27          | 0.491               | 127       | 59          | 0.465               | 10813    | 2546        | 0.235               |
| 28  | 541     | 805    | 48549 | <a href="#">Josino Costa Moreira</a>            |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   biomarcadores   saúde ambiental   | 55      | 30          | 0.545               | 177       | 86          | 0.486               | 10764    | 3498        | 0.325               |
| 51  | 542     | 806    | 48556 | <a href="#">Antonio Carlos Boschero</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Physiology</a>  | 55      | 27          | 0.491               | 219       | 88          | 0.402               | 10751    | 3265        | 0.304               |
| 9   | 543     | 807    | 48590 | <a href="#">Fabiano André Narciso Fernandes</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                 | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering   Food Engineering  | 55      | 43          | 0.782               | 174       | 136         | 0.782               | 10660    | 5862        | 0.550               |
| 173   | 544     | 808    | 48637 | <a href="#">Ines Roberto</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Biotecnologia   Aproveitamento de Materiais Lignocelulósicos   Processos Fermentativos                       | 55      | 29          | 0.527               | 113       | 59          | 0.522               | 10545    | 3758        | 0.356               |
| 10  | 545     | 809    | 48648 | <a href="#">Sueli Rodrigues</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                 | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Processing   Bioprocess   Non thermal processing                                  | 55      | 45          | 0.818               | 173       | 148         | 0.855               | 10522    | 6323        | 0.601               |
| 4   | 546     | 810    | 48715 | <a href="#">Albertina Pimentel Lima</a>         |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   biogeografia   zoologia   genética  | 55      | 33          | 0.600               | 192       | 115         | 0.599               | 10352    | 4239        | 0.409               |
| 2   | 547     | 812    | 48762 | <a href="#">Emilio Luiz Streck</a>              |  Brazil | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 55      | 32          | 0.582               | 216       | 142         | 0.657               | 10205    | 4044        | 0.396               |
| 5   | 548     | 814    | 48872 | <a href="#">Antonio Virgilio Bastos</a>         |  Brazil | <a href="#">Universidade Federal da Bahia</a>                 | <a href="#">Social Sciences / Psychology</a><br>Psicologia Organizacional e do Trabalho   | 55      | 31          | 0.564               | 156       | 101         | 0.647               | 9925     | 3533        | 0.356               |
| 7   | 549     | 816    | 48918 | <a href="#">Caue Ribeiro</a>                    |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   crystal growth   photocatalysis   controlled release   slow release | 55      | 42          | 0.764               | 168       | 144         | 0.857               | 9792     | 5749        | 0.587               |



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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 174   | 550     | 817    | 48938 | <a href="#">Fausto Medeiros Mendes</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Dentistry</a><br>cariologia   odontopediatria   odontologia  | 55      | 37          | 0.673               | 152       | 125         | 0.822               | 9733     | 4990        | 0.513               |
| 175   | 551     | 818    | 48971 | <a href="#">Lucio Angnes</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletranalítica   eletrodos modificados   biosensores   microeletrodos   BIA                        | 55      | 22          | 0.400               | 160       | 88          | 0.550               | 9611     | 3054        | 0.318               |
| 3   | 552     | 819    | 48999 | <a href="#">Paulo De Marco Júnior</a>          |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Teórica   Biologia da Conservação  | 55      | 39          | 0.709               | 156       | 117         | 0.750               | 9521     | 4991        | 0.524               |
| 176   | 553     | 820    | 49004 | <a href="#">Marco Antonio Barbieri</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a>  | 55      | 31          | 0.564               | 175       | 98          | 0.560               | 9510     | 3402        | 0.358               |
| 177   | 554     | 821    | 49093 | <a href="#">Valtencir Zucolotto</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanomedicina   Nanotoxicologia  | 55      | 32          | 0.582               | 171       | 111         | 0.649               | 9191     | 4036        | 0.439               |
| 2   | 555     | 822    | 49122 | <a href="#">Jamil Awad Shibli</a>              |  Brazil   | <a href="#">Universidade Guarulhos UNG</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental Implants   Biomaterials   Peri-implantitis   Osseointegration   Guided Bone Regeneration | 55      | 35          | 0.636               | 188       | 145         | 0.771               | 9095     | 4626        | 0.509               |
| 52  | 556     | 823    | 49154 | <a href="#">Lourenço Correr Sobrinho</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>cerâmicas   resinas   cimentos  | 55      | 33          | 0.600               | 187       | 111         | 0.594               | 8884     | 3748        | 0.422               |
| 11  | 557     | 824    | 49264 | <a href="#">Luciana Rocha Barros Gonçalves</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                        | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Bioprocess   enzyme immobilization   biocatalysis                                   | 55      | 42          | 0.764               | 122       | 103         | 0.844               | 7427     | 4754        | 0.640               |
| 1   | 558     | 825    | 49317 | <a href="#">Jose Carlos Libaneo</a>            |  Brazil  | <a href="#">Pontificia Universidade Católica de Goiás PUC Goiás</a>  | <a href="#">PontificiGoiás</a><br>teorias da educação   didática   psicologia da educação   organização escolar   políticas públicas para a escola         | 54      | 37          | 0.685               | 133       | 97          | 0.729               | 34815    | 14401       | 0.414               |
| 178   | 559     | 826    | 49319 | <a href="#">Marcia Scazufca</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Psiquiátrica   | 54      | 33          | 0.611               | 113       | 90          | 0.796               | 33727    | 21285       | 0.631               |
| 1   | 560     | 827    | 49341 | <a href="#">Lucia Santaella</a>                |  Brazil | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Business &amp; Management / Communication</a><br>cultura digital   metodologia da ciência   semiótica cognitiva   estética                     | 54      | 38          | 0.704               | 147       | 87          | 0.592               | 30407    | 9759        | 0.321               |
| 30  | 561     | 828    | 49486 | <a href="#">Eduardo Fleury Mortimer</a>        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">Education / Education</a><br>science education   educação em ciências   classroom discourse   language and cognition   multi modality          | 54      | 32          | 0.593               | 101       | 83          | 0.822               | 20370    | 6348        | 0.312               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 562     | 831    | 49574 | <a href="#">Renato Tetelbom Stein</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">MediciPUCRS</a>  | 54      | 37          | 0.685               | 135       | 88          | 0.652               | 18004    | 6026        | 0.335               |
| 10  | 563     | 832    | 49606 | <a href="#">José Cola Zanuncio</a>            |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biological Control   Forest Entomology   Forest Science   Pest Management   Scientific Writing                            | 54      | 34          | 0.630               | 501       | 237         | 0.473               | 17305    | 7275        | 0.420               |
| 179   | 564     | 834    | 49754 | <a href="#">Luciano Drager</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | Hypertension   sleep disturbances and cardiovascular interactions  | 54      | 42          | 0.778               | 152       | 126         | 0.829               | 15475    | 8589        | 0.555               |
| 180   | 565     | 836    | 49809 | <a href="#">Marly Monteiro De Carvalho</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Produção de Alimentos</a><br>Gestão de Projetos   Gestão da Qualidade   Gestão da Inovação   Sustentabilidade  | 54      | 39          | 0.722               | 176       | 121         | 0.688               | 15013    | 9117        | 0.607               |
| 181   | 566     | 837    | 50005 | <a href="#">Rui Ferriani</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Reproductive Medicine   | 54      | 35          | 0.648               | 215       | 124         | 0.577               | 13589    | 5380        | 0.396               |
| 2   | 567     | 838    | 50012 | <a href="#">Carlos José Pereira De Lucena</a> |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Engenharia de Software   Agentes de Software   Sistemas Multi-Agentes   | 54      | 23          | 0.426               | 285       | 66          | 0.232               | 13567    | 2880        | 0.212               |
| 11  | 568     | 839    | 50034 | <a href="#">F Murilo Zerbini</a>              |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Virology   Plant Pathology   Plant Molecular Biology   | 54      | 39          | 0.722               | 126       | 88          | 0.698               | 13437    | 8393        | 0.625               |
| 182   | 569     | 840    | 50053 | <a href="#">Henrique Eisi Toma</a>            |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a>   | 54      | 24          | 0.444               | 309       | 96          | 0.311               | 13327    | 3461        | 0.260               |
| 1   | 570     | 842    | 50140 | <a href="#">Henrique Douglas Coutinho</a>     |  Brazil | <a href="#">Universidade Regional do Cariri URCA</a>                        | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Produtos naturais  | 54      | 44          | 0.815               | 349       | 291         | 0.834               | 12922    | 9472        | 0.733               |
| 30  | 571     | 843    | 50149 | <a href="#">Rafael C Rodrigues</a>            |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Engineering</a><br>Biotecnologia  | 54      | 45          | 0.833               | 116       | 99          | 0.853               | 12882    | 8413        | 0.653               |
| 183   | 572     | 844    | 50164 | <a href="#">Venancio Alves</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia Morfológica e Molecular das Infecções por Vírus (especialmente papilomavírus e vírus das hepatites) . Patolog | 54      | 31          | 0.574               | 224       | 104         | 0.464               | 12834    | 4999        | 0.390               |
| 184   | 573     | 845    | 50170 | <a href="#">Guilherme Janson</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Orthodontics   Treatment planning   Malocclusion   Occlusion   Growth   | 54      | 34          | 0.630               | 263       | 169         | 0.643               | 12794    | 5406        | 0.423               |












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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 574     | 846    | 50175 | <a href="#">Fatima Maria De Souza Moreira</a>     |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>         | Microbiologia do Solo  | 54      | 30          | 0.556               | 229       | 134         | 0.585               | 12789    | 4733        | 0.370               |
| 4   | 575     | 847    | 50183 | <a href="#">Nelson Rosario</a>                    |  Brazil   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Alergia   | 54      | 43          | 0.796               | 180       | 105         | 0.583               | 12711    | 6569        | 0.517               |
| 5   | 576     | 848    | 50277 | <a href="#">Maria Teresa Fernandez Piedade</a>    |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">Natural Sciences / Biological Science</a><br>Wetlands Ecology   Second interest  | 54      | 36          | 0.667               | 162       | 117         | 0.722               | 12397    | 6114        | 0.493               |
| 185   | 577     | 850    | 50326 | <a href="#">Miguel Basei</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSÁfo Paulo</a>  | 54      | 40          | 0.741               | 248       | 147         | 0.593               | 12249    | 6194        | 0.506               |
| 186   | 578     | 851    | 50399 | <a href="#">Elliot Watanabe Kitajima</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">aposentanFitopatologiUnivversa</a><br>fitopatologia   microbiologia   virologia   biologia celular   | 54      | 27          | 0.500               | 265       | 91          | 0.343               | 12001    | 3398        | 0.283               |
| 187   | 579     | 853    | 50431 | <a href="#">Victor Wünsch Filho</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia de câncer   Epidemiologia dos agravos à saúde relacionados ao trabalho     | 54      | 34          | 0.630               | 116       | 77          | 0.664               | 11909    | 4789        | 0.402               |
| 188   | 580     | 855    | 50460 | <a href="#">Silvia Figueiredo Costa</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">infeciosaseparasitárias</a><br>infecologia   | 54      | 36          | 0.667               | 175       | 129         | 0.737               | 11836    | 5468        | 0.462               |
| 1   | 581     | 856    | 50532 | <a href="#">Paulo Cesar de Moraes</a>             |  Brazil   | <a href="#">Universidade Católica de Brasília</a>           | Nanostrutured Materials  | 54      | 29          | 0.537               | 296       | 127         | 0.429               | 11632    | 3864        | 0.332               |
| 2   | 582     | 858    | 50613 | <a href="#">Claudio Jose Struchiner</a>           |  Brazil  | <a href="#">Fundação Getulio Vargas FGV</a>                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   | 54      | 35          | 0.648               | 167       | 100         | 0.599               | 11458    | 5020        | 0.438               |
| 11  | 583     | 859    | 50708 | <a href="#">João Bosco Pesquero</a>               |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   genômica   obesidade   cininas   animais transgênicos                                  | 54      | 23          | 0.426               | 195       | 99          | 0.508               | 11229    | 3478        | 0.310               |
| 189   | 584     | 860    | 50718 | <a href="#">Maria Helena Prado De Mello Jorge</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Pública   Causas Externas   Informação em Saúde   Morbimortalidade | 54      | 24          | 0.444               | 145       | 58          | 0.400               | 11208    | 2316        | 0.207               |
| 190   | 585     | 861    | 50779 | <a href="#">Adalberto Pessoa</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biotecnologia   Engenharia Bioquímica   Enzimologia   Asparaginase  | 54      | 34          | 0.630               | 211       | 134         | 0.635               | 11097    | 5672        | 0.511               |
| 12  | 586     | 863    | 50814 | <a href="#">Josefina Bressan</a>                  |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Alimentos   Doenças crônicas   | 54      | 37          | 0.685               | 156       | 105         | 0.673               | 10981    | 5452        | 0.496               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 31  | 587     | 864    | 50826 | <a href="#">Eduardo Cadore</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Science  | 54    | 43          | 0.796               | 148   | 124         | 0.838               | 10948 | 7596        | 0.694               |
| 1   | 588     | 865    | 50911 | <a href="#">Charles Tresser</a><br> |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>       | <a href="#">IMPA</a><br>QM (foundations etc)   classical dynamics and applications   & more things   | 54    | 25          | 0.463               | 166   | 48          | 0.289               | 10750 | 1868        | 0.174               |
| 25  | 589     | 868    | 50925 | <a href="#">Maria José Soares Mendes Giannini</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Mycology</a><br>micologia   interação fungo-hospedeiro   fármacos anti-fungicos  | 54    | 32          | 0.593               | 174   | 113         | 0.649               | 10704 | 4841        | 0.452               |
| 3   | 590     | 869    | 51028 | <a href="#">Leonardo F. Fontenelle</a>   |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                       | <a href="#">Federal University of Rio de Janeiro &amp; D'Or Institute for Research and Education</a><br>Obsessive-compulsive disorder   compulsivity   social anxiety disorder             | 54    | 37          | 0.685               | 200   | 142         | 0.710               | 10521 | 5436        | 0.517               |
| 26  | 591     | 871    | 51130 | <a href="#">Paulo Roberto Bueno</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Molecular Scale Electrochemistry   Biosensors   Molecular Diagnostics   Physical Chemistry   | 54    | 33          | 0.611               | 172   | 108         | 0.628               | 10318 | 3676        | 0.356               |
| 31  | 592     | 873    | 51249 | <a href="#">Marcos Callisto</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">UFMG</a><br>stream ecology   environmental education   bioindicators   | 54    | 36          | 0.667               | 170   | 116         | 0.682               | 10084 | 4661        | 0.462               |
| 53  | 593     | 874    | 51319 | <a href="#">Mário Fernando De Góes</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Odontológicos   Dentística   Prótese   | 54    | 29          | 0.537               | 115   | 78          | 0.678               | 9945  | 3531        | 0.355               |
| 191   | 594     | 876    | 51438 | <a href="#">Erney Plessmann Camargo</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Parasitology</a><br>Trypanosomatid   phylogeny   evolution biogeography   taxonomy   malaria   | 54    | 28          | 0.519               | 130   | 64          | 0.492               | 9708  | 2456        | 0.253               |
| 54  | 595     | 877    | 51450 | <a href="#">Mario Alexandre Coelho Sinhoreti</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental Materials  | 54    | 34          | 0.630               | 213   | 133         | 0.624               | 9673  | 4136        | 0.428               |
| 30  | 596     | 878    | 51494 | <a href="#">Martin Schmal</a>  |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise e Cinética - nanotecnologia   | 54    | 26          | 0.481               | 196   | 92          | 0.469               | 9588  | 2686        | 0.280               |
| 32  | 597     | 879    | 51512 | <a href="#">Tarcília Aparecida Da Silva</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Bucal   Medicina oral   Lesões inflamatórias císticas e neoplásicas da cavidade bucal   Imunopatologia e microbiologi | 54    | 34          | 0.630               | 183   | 150         | 0.820               | 9533  | 4763        | 0.500               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 192   | 598     | 880    | 51557 | <a href="#">Rosalina Aparecida Partezani Rodrigues</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Ribeirão Preto</a>  | 54      | 34          | 0.630               | 166       | 100         | 0.602               | 9403     | 4014        | 0.427               |
| 6   | 599     | 881    | 51624 | <a href="#">Elton Luiz Dantas</a>                      |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Tectonics   structural Geology   Geochronology   Isotope geochemistry  | 54      | 37          | 0.685               | 183       | 139         | 0.760               | 9245     | 5188        | 0.561               |
| 1   | 600     | 882    | 51772 | <a href="#">Maria Letícia Ramos Jorge</a>              |  Brazil   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   epidemiologia   ortodontia   | 54      | 40          | 0.741               | 147       | 129         | 0.878               | 8745     | 4489        | 0.513               |
| 11  | 601     | 883    | 51778 | <a href="#">Tania Ueda Nakamura</a>                    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                               | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   agentes antimicrobianos   virologia   produtos naturais e sintéticos   produtos biologicamente ativos | 54      | 33          | 0.611               | 145       | 123         | 0.848               | 8724     | 4037        | 0.463               |
| 193   | 602     | 886    | 51824 | <a href="#">Ana Carolina Magalhães</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Dentistry</a>   | 54      | 32          | 0.593               | 148       | 124         | 0.838               | 8455     | 4089        | 0.484               |
| 27  | 603     | 888    | 51876 | <a href="#">Ana Cláudia Pavarina</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Próteses Parciais Removíveis</a><br>Terapia Fotodinâmica - Microbiologia  | 54      | 32          | 0.593               | 137       | 107         | 0.781               | 8122     | 3527        | 0.434               |
| 11  | 604     | 892    | 51937 | <a href="#">Ione Jayce Ceola Schneider</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology and Public Health  | 53      | 49          | 0.925               | 91        | 86          | 0.945               | 85246    | 73510       | 0.862               |
| 32  | 605     | 893    | 51944 | <a href="#">Christian Kieling</a>                      |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry  | 53      | 43          | 0.811               | 100       | 90          | 0.900               | 58142    | 48068       | 0.827               |
| 1   | 606     | 895    | 52032 | <a href="#">J. Eduardo Sousa</a>                       |  Brazil | <a href="#">Instituto Dante Pazzanese de Cardiologia</a>                       | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia Intervencionista  | 53      | 22          | 0.415               | 167       | 47          | 0.281               | 25668    | 3369        | 0.131               |
| 194   | 607     | 897    | 52157 | <a href="#">José Leonardo De Moraes Gonçalves</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>solo   nutrição   floresta   Manejo de solo   Fertilização   | 53      | 37          | 0.698               | 145       | 90          | 0.621               | 19677    | 13127       | 0.667               |
| 195   | 608     | 899    | 52289 | <a href="#">João Carlos Setubal</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Bioinformatics</a><br>Microbiomes   Genomics   Metagenomics   Transcriptomics   Bioinformatics  | 53      | 39          | 0.736               | 123       | 97          | 0.789               | 16881    | 6074        | 0.360               |





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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 33  | 609     | 900    | 52296 | <a href="#">Fabrício Benevenuto</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Misinformation   hate speech   Sentiment analysis   social computing   complex Networks                             | 53      | 43          | 0.811               | 115       | 96          | 0.835               | 16796    | 8280        | 0.493               |
| 7   | 610     | 901    | 52339 | <a href="#">Gilberto Camara</a>              |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">National Institute for Space Research, Brazil</a><br>Geoinformatics   GIScience   Spatial Data Science   Spatial Analysis   Land Use Change                                | 53      | 35          | 0.660               | 167       | 83          | 0.497               | 16162    | 4730        | 0.293               |
| 196   | 611     | 902    | 52348 | <a href="#">Pedro Roberto Jacobi</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Business &amp; Management / Public Administration</a><br>Governança ambiental   Educação para a Sustentabilidade   Governança das Mudanças Climáticas   Governança da Água | 53      | 31          | 0.585               | 199       | 111         | 0.558               | 16011    | 5956        | 0.372               |
| 55  | 612     | 903    | 52356 | <a href="#">José Armando Valente</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | Tecnologia educacional   | 53      | 35          | 0.660               | 90        | 67          | 0.744               | 15901    | 5589        | 0.351               |
| 197   | 613     | 905    | 52399 | <a href="#">Emanuel Carrilho</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemistry   analytical chemistry   bioanalytical chemistry   | 53      | 32          | 0.604               | 146       | 86          | 0.589               | 15318    | 5828        | 0.380               |
| 2   | 614     | 907    | 52560 | <a href="#">Luciano Paganucci De Queiroz</a> |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Botany   Plant Taxonomy   Phylogeny   | 53      | 39          | 0.736               | 170       | 107         | 0.629               | 13967    | 6920        | 0.495               |
| 13  | 615     | 910    | 52657 | <a href="#">Marcos Heil Costa</a>            |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | Applied climatology   water cycle   carbon cycle   Amazonia   Cerrado  | 53      | 42          | 0.792               | 95        | 77          | 0.811               | 13373    | 6199        | 0.464               |
| 56  | 616     | 911    | 52792 | <a href="#">Falcao Ax</a>                    |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Processing   Image Analysis   Visualization   Pattern Recognition   Machine Learning                          | 53      | 35          | 0.660               | 191       | 108         | 0.565               | 12737    | 4837        | 0.380               |
| 33  | 617     | 912    | 52916 | <a href="#">Angela TS Wyse</a>               |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Medical and Health Sciences/Biochemistry/neuroscience/   | 53      | 29          | 0.547               | 314       | 166         | 0.529               | 12228    | 4209        | 0.344               |
| 34  | 618     | 913    | 53021 | <a href="#">Marcos Andre Goncalves</a>       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Information Retrieval   Machine Learning   Digital Libraries  | 53      | 31          | 0.585               | 220       | 120         | 0.545               | 11875    | 4236        | 0.357               |
| 6   | 619     | 914    | 53034 | <a href="#">Maria Gloria Teixeira</a>        |  Brazil | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Dengue   Doenças infecciosas   epidemiologia   vigilância epidemiológica   saúde pública               | 53      | 36          | 0.679               | 119       | 82          | 0.689               | 11851    | 5595        | 0.472               |
| 198   | 620     | 915    | 53043 | <a href="#">Newton S Canteras</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | Neurobiology   | 53      | 29          | 0.547               | 104       | 76          | 0.731               | 11817    | 3361        | 0.284               |
















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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 621     | 916    | 53064 | <a href="#">Bruno Alves</a>                       |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Agrobiologia</a>  | 53      | 36          | 0.679               | 147       | 99          | 0.673               | 11758    | 5396        | 0.459               |
| 5   | 622     | 917    | 53093 | <a href="#">Celso C Ribeiro</a>                   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Metaheuristics   Combinatorial optimization   Sports scheduling   GRASP   Biased random key genetic algorithms | 53      | 26          | 0.491               | 155       | 71          | 0.458               | 11683    | 2768        | 0.237               |
| 12  | 623     | 920    | 53317 | <a href="#">Edilberto Rocha Silveira</a>          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   Fitoquímica   Farmacognosia   Espectroscopia   Ressonância Magnética Nuclear               | 53      | 26          | 0.491               | 242       | 128         | 0.529               | 11064    | 4099        | 0.370               |
| 3   | 624     | 921    | 53355 | <a href="#">Antonio Gouveia De Souza</a>          |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>química inorgânica   química dos materiais   biocombustíveis  | 53      | 28          | 0.528               | 240       | 113         | 0.471               | 10980    | 3636        | 0.331               |
| 57  | 625     | 923    | 53466 | <a href="#">José Barreto Campello Carvalheira</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>Oncologia   | 53      | 29          | 0.547               | 97        | 67          | 0.691               | 10694    | 3889        | 0.364               |
| 199   | 626     | 924    | 53520 | <a href="#">Sandra RG Ferreira</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Doenças crônicas não transmissíveis   | 53      | 29          | 0.547               | 183       | 83          | 0.454               | 10582    | 3296        | 0.311               |
| 13  | 627     | 927    | 53554 | <a href="#">Benildo Sousa Cavada</a>              |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Structural Biology   Protein Chemistry   Lectins  | 53      | 26          | 0.491               | 268       | 139         | 0.519               | 10507    | 3453        | 0.329               |
| 2   | 628     | 928    | 53592 | <a href="#">Selene Maia De Moraes</a>             |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Biofármacos   Análise espectroscópica   Óleos essenciais   | 53      | 36          | 0.679               | 152       | 118         | 0.776               | 10432    | 5096        | 0.488               |
| 28  | 629     | 929    | 53602 | <a href="#">João Paulo Papa</a>                   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine learning   image processing   pattern recognition  | 53      | 45          | 0.849               | 169       | 134         | 0.793               | 10409    | 7586        | 0.729               |
| 3   | 630     | 930    | 53640 | <a href="#">Benjamin Miranda Tabak</a>            |  Brazil | <a href="#">Fundação Getulio Vargas FGV</a>                            | <a href="#">Economics &amp; Econometrics / Banking and Insurance</a><br>Banking   Finance   Neuroeconomics   Behavioral Economics   Econometrics                                  | 53      | 38          | 0.717               | 150       | 98          | 0.653               | 10324    | 4737        | 0.459               |
| 58  | 631     | 931    | 53681 | <a href="#">Andre Victor Lucci Freitas</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              |   | 53      | 33          | 0.623               | 185       | 126         | 0.681               | 10267    | 4332        | 0.422               |
| 4   | 632     | 932    | 53703 | <a href="#">Luiz Roberto Guimaraes Guilherme</a>  |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">DoSoloUniversidLavras</a><br>Ciencia do Solo   Química do Solo  | 53      | 40          | 0.755               | 214       | 151         | 0.706               | 10226    | 6260        | 0.612               |


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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 10  | 633     | 933    | 53711 | <a href="#">Dalvan Jose Reinert</a>              |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   | 53      | 32          | 0.604               | 136       | 83          | 0.610               | 10214    | 3593        | 0.352               |
| 2   | 634     | 935    | 53841 | <a href="#">Adalto Bianchini</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>     | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Animal Comparada   Toxicologia   Interação entre Organismos Marinhos e Parâmetros Ambientais | 53      | 32          | 0.604               | 201       | 133         | 0.662               | 9943     | 4144        | 0.417               |
| 3   | 635     | 936    | 53846 | <a href="#">Sidarta Tollendal Gomes Ribeiro</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurophysiology   animal behavior   memory   sleep   dream  | 53      | 39          | 0.736               | 112       | 95          | 0.848               | 9935     | 4877        | 0.491               |
| 200   | 636     | 937    | 53878 | <a href="#">Maria Helena Catelli De Carvalho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>vascular biology   sexual dimorphism   gonadal hormones   inflammation   TLR                          | 53      | 26          | 0.491               | 176       | 101         | 0.574               | 9880     | 3210        | 0.325               |
| 7   | 637     | 938    | 53966 | <a href="#">Martim Bottaro</a>                   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Brasilia</a><br>strength training   exercise physiology   resistance exercise   physical education  | 53      | 40          | 0.755               | 171       | 130         | 0.760               | 9677     | 5311        | 0.549               |
| 201   | 638     | 940    | 54038 | <a href="#">Guilherme G Artioli</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Physiology</a>  | 53      | 42          | 0.792               | 98        | 91          | 0.929               | 9554     | 5553        | 0.581               |
| 59  | 639     | 941    | 54117 | <a href="#">Djairo Guedes De Figueiredo</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Mathematics</a><br>equações diferenciais parciais   análise funcional  | 53      | 25          | 0.472               | 99        | 53          | 0.535               | 9396     | 2114        | 0.225               |
| 12  | 640     | 942    | 54126 | <a href="#">Sergio Schenkman</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology of parasites  | 53      | 26          | 0.491               | 141       | 73          | 0.518               | 9383     | 2241        | 0.239               |
| 8   | 641     | 943    | 54171 | <a href="#">Ricardo Bentes De Azevedo</a>        |  Brazil | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">da Unversid Brasília</a><br>Nanobiotecnologia   | 53      | 32          | 0.604               | 192       | 121         | 0.630               | 9288     | 4181        | 0.450               |
| 60  | 642     | 944    | 54184 | <a href="#">Antonio JA Meirelles</a>             |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Thermodynamics   Phase Equilibrium   Mass Transfer   Distillation   Extraction       | 53      | 30          | 0.566               | 198       | 134         | 0.677               | 9262     | 3964        | 0.428               |
| 202   | 643     | 945    | 54193 | <a href="#">Marisa De Cássia Piccolo</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Manejo do solo   agronomy   soil management   soil organic matter   tropical forest                     | 53      | 31          | 0.585               | 115       | 78          | 0.678               | 9236     | 2989        | 0.324               |
| 2   | 644     | 947    | 54258 | <a href="#">Rodrigo Alejandro Abarza Munoz</a>   |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Eletroanalítica   Sensores   Biocombustíveis  | 53      | 36          | 0.679               | 203       | 179         | 0.882               | 9090     | 5745        | 0.632               |



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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 645     | 948    | 54312 | <a href="#">Carla Denise Bonan</a>             |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Neurochemistry   Enzimology  | 53      | 36          | 0.679               | 176       | 97          | 0.551               | 8973     | 4199        | 0.468               |
| 14  | 646     | 950    | 54350 | <a href="#">Josué Mendes Filho</a>             |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Natural Sciences / Physics</a><br>Física   Nanomaterials   Espectroscopia Raman e no Infrvermelho   Catálise  | 53      | 24          | 0.453               | 191       | 87          | 0.455               | 8870     | 2503        | 0.282               |
| 29  | 647     | 951    | 54394 | <a href="#">Fabio Lira</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology  | 53      | 38          | 0.717               | 181       | 162         | 0.895               | 8784     | 5455        | 0.621               |
| 10  | 648     | 952    | 54396 | <a href="#">Javier Andres Munoz Chaves</a>     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomateriais   Transformações de fase   Espectroscopia Mecânica   | 53      | 49          | 0.925               | 79        | 77          | 0.975               | 8777     | 7215        | 0.822               |
| 9   | 649     | 954    | 54447 | <a href="#">Luis Felipe Miguel</a>             |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">UniversidBrasília</a><br>democratic theory   political representation   gender and politics   mass media and politics   Brazilian politics  | 53      | 36          | 0.679               | 101       | 83          | 0.822               | 8658     | 4471        | 0.516               |
| 11  | 650     | 955    | 54516 | <a href="#">Romeu C Rocha Filho</a>            |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemistry / Chemical Education / Scientometrics  | 53      | 30          | 0.566               | 146       | 92          | 0.630               | 8405     | 3076        | 0.366               |
| 11  | 651     | 956    | 54555 | <a href="#">Valderi Luiz Dressler</a>          |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   | 53      | 27          | 0.509               | 159       | 89          | 0.560               | 8286     | 3202        | 0.386               |
| 3   | 652     | 957    | 54557 | <a href="#">Luiz Antonio De Almeida Pinto</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Chemical Engineering   Drying   Adsorption   Química  | 53      | 43          | 0.811               | 134       | 118         | 0.881               | 8284     | 5220        | 0.630               |
| 203   | 653     | 959    | 54566 | <a href="#">Marco Versiani</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Micro-Computed Tomography   Root Canal Anatomy   Rotary Instruments   Reciprocating Instruments   Physico-Chemical Properties of End | 53      | 44          | 0.830               | 104       | 100         | 0.962               | 8247     | 5340        | 0.648               |
| 3   | 654     | 961    | 54617 | <a href="#">Eduardo Mathias Richter</a>        |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electroanalysis   Capillary Electrophoresis   3D Printing   Portable Methods  | 53      | 33          | 0.623               | 180       | 146         | 0.811               | 7918     | 4739        | 0.599               |
| 3   | 655     | 962    | 54623 | <a href="#">Luciene Figueiredo</a>             |  Brazil | <a href="#">Universidade Guarulhos UNG</a>                                  | <a href="#">Guarulhos</a>   | 53      | 38          | 0.717               | 95        | 88          | 0.926               | 7900     | 4150        | 0.525               |
| 204   | 656     | 963    | 54644 | <a href="#">Susana Ines Córdoba De Torresi</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemistry of nanomaterials   Electrocatalysis   Bioelectronics   Conducting polymers   | 53      | 24          | 0.453               | 140       | 73          | 0.521               | 7728     | 2201        | 0.285               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 205   | 657     | 964    | 54668 | <a href="#">Roseli Gedanke Shavitt</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Anxiety Disorders   Mood Disorders   Obsessive-Compulsive Spectrum Disorders                            | 53    | 33          | 0.623               | 100   | 79          | 0.790               | 7256  | 3410        | 0.470               |
| 2   | 658     | 965    | 54697 | <a href="#">André Faro André Faro</a>             |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>       | <a href="#">Social Sciences / Psychology</a><br>Health Psychology   Psychology   Saúde Pública   Psicologia   Psicologia da Saúde                                   | 52    | 51          | 0.981               | 94    | 88          | 0.936               | 69662 | 65478       | 0.940               |
| 206   | 659     | 966    | 54720 | <a href="#">José Cipolla Neto</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Physiology</a><br>melatonina   pineal   endocrinologia   neurofisiologia  | 52    | 34          | 0.654               | 140   | 99          | 0.707               | 39695 | 13653       | 0.344               |
| 4   | 660     | 968    | 54979 | <a href="#">Maria Tereza Leme Fleury</a>          |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>               | <a href="#">Business &amp; Management / Business Administration</a><br>Administration   Business   Management   | 52    | 30          | 0.577               | 134   | 66          | 0.493               | 17566 | 4410        | 0.251               |
| 4   | 661     | 971    | 55154 | <a href="#">Jorge Moll</a>                        |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience   fMRI   brain   emotion   moral   | 52    | 37          | 0.712               | 103   | 86          | 0.835               | 14921 | 5518        | 0.370               |
| 5   | 662     | 973    | 55179 | <a href="#">Vanete Thomaz Soccol</a>              |  Brazil   | <a href="#">Universidade Federal do Paraná</a>            | <a href="#">Biotecnologia em saúhumana e animal</a><br>Biotecnologia   Medicina Veterinária   Parasitologia   | 52    | 39          | 0.750               | 185   | 113         | 0.611               | 14621 | 6542        | 0.447               |
| 6   | 663     | 974    | 55209 | <a href="#">Vanete Soccol</a>                     |  Brazil   | <a href="#">Universidade Federal do Paraná</a>            | <a href="#">Biotecnologia</a><br>Biotecnologia  | 52    | 40          | 0.769               | 183   | 129         | 0.705               | 14405 | 7322        | 0.508               |
| 1   | 664     | 976    | 55290 | <a href="#">Brian R Bennett</a>                   |  Brazil   | <a href="#">Instituto Metodista Bennett</a>               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>semiconductors   mbe   epitaxy   electronic materials   materials physics | 52    | 17          | 0.327               | 175   | 29          | 0.166               | 13857 | 2349        | 0.170               |
| 31  | 665     | 978    | 55416 | <a href="#">Jose Eduardo Cassiolato</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia da Inovação   Política Industrial   APLs   Economics of Innovation   Desenvolvimento           | 52    | 25          | 0.481               | 167   | 62          | 0.371               | 13148 | 2691        | 0.205               |
| 207   | 666     | 979    | 55545 | <a href="#">Maria Assunção Faus Da Silva Dias</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorologia   | 52    | 32          | 0.615               | 144   | 80          | 0.556               | 12569 | 4026        | 0.320               |
| 35  | 667     | 980    | 55595 | <a href="#">Jussara M Almeida</a>                 |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Social Computing   Performance Modeling   User Behavior Characterization                         | 52    | 30          | 0.577               | 163   | 88          | 0.540               | 12362 | 3683        | 0.298               |
| 61  | 668     | 982    | 55679 | <a href="#">Oswaldo Luiz Alves</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">LOESSolidChemistryChemistryUNICAMP</a><br>Solid State Chemistry   Nanomaterials   | 52    | 32          | 0.615               | 173   | 92          | 0.532               | 12034 | 4997        | 0.415               |
| 29  | 669     | 983    | 55685 | <a href="#">Zilton A. Andrade</a>                 |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                     | <a href="#">Pesquisador do Centro de Pesquisas Gonçalo Moniz - Fiocruz/Bahia</a><br>Patologia e doenças tropicais   | 52    | 17          | 0.327               | 218   | 29          | 0.133               | 12020 | 2552        | 0.212               |










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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 12  | 670     | 984    | 55733 | <a href="#">Dachamir Hotza</a>                   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Materials Science and Chemical Engineering   | 52    | 37          | 0.712               | 225   | 159         | 0.707               | 11851 | 6474        | 0.546               |
| 208   | 671     | 985    | 55773 | <a href="#">Beny Lafer</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Bipolar Disorder   Depression   Psychiatry  | 52    | 31          | 0.596               | 150   | 103         | 0.687               | 11725 | 5642        | 0.481               |
| 8   | 672     | 986    | 55784 | <a href="#">Carlos Frederico Duarte Da Rocha</a> |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Vertebrate Ecology   Conservation Biology  | 52    | 27          | 0.519               | 252   | 146         | 0.579               | 11690 | 4554        | 0.390               |
| 32  | 673     | 988    | 55866 | <a href="#">Renato Machado Cotta</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Engineering   Heat & Mass Transfer   Fluid Mechanics   Hybrid Methods   Nuclear Engineering | 52    | 24          | 0.462               | 218   | 96          | 0.440               | 11474 | 3346        | 0.292               |
| 209   | 674     | 989    | 55899 | <a href="#">Mauricio Simão Es Abrao</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>endometriosis   gynecologic surgery   infertility  | 52    | 39          | 0.750               | 143   | 111         | 0.776               | 11397 | 6356        | 0.558               |
| 62  | 675     | 990    | 55913 | <a href="#">Sara Teresinha Olalla Saad</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Hematology</a><br>Biologia de Doenças Hematológicas   | 52    | 29          | 0.558               | 263   | 140         | 0.532               | 11363 | 4228        | 0.372               |
| 34  | 676     | 993    | 56074 | <a href="#">Denise Ruschel Bandeira</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia  | 52    | 34          | 0.654               | 114   | 88          | 0.772               | 10934 | 4908        | 0.449               |
| 7   | 677     | 994    | 56093 | <a href="#">Jailson Bittencourt De Andrade</a>   |  Brazil | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   | 52    | 30          | 0.577               | 176   | 105         | 0.597               | 10875 | 3874        | 0.356               |
| 8   | 678     | 995    | 56096 | <a href="#">Odir Antonio Dellagostin</a>         |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">UniversidPelotas</a><br>Ciências da vida  | 52    | 31          | 0.596               | 187   | 126         | 0.674               | 10871 | 4821        | 0.443               |
| 12  | 679     | 996    | 56101 | <a href="#">Vera Morsch</a>                      |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 52    | 34          | 0.654               | 227   | 156         | 0.687               | 10866 | 5075        | 0.467               |
| 210   | 680     | 997    | 56112 | <a href="#">Jose Maria Pacheco Souza</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   nutrição   bioestatística   | 52    | 22          | 0.423               | 173   | 65          | 0.376               | 10840 | 4000        | 0.369               |
| 33  | 681     | 998    | 56113 | <a href="#">Fabio Rubio Scarano</a>              |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">RioJaneiro</a><br>sustainability   biodiversity conservation   climate change   | 52    | 29          | 0.558               | 132   | 85          | 0.644               | 10840 | 5676        | 0.524               |


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|---|---------|--------|-------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 682     | 999    | 56140 | <a href="#">Cid Bartolomeu De Araújo</a>           |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Physics</a><br>Nonlinear Optics   Nanophotonics   Photonics   Optical Materials   Lasers  | 52      | 32          | 0.615               | 262       | 128         | 0.489               | 10783    | 3812        | 0.354               |
| 36  | 683     | 1000   | 56165 | <a href="#">Herman Sander Mansur</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotechnology   biomaterials   nanoscience   tissue engineering   eco-friendly materials | 52      | 37          | 0.712               | 147       | 108         | 0.735               | 10728    | 5637        | 0.525               |
| 9   | 684     | 1002   | 56232 | <a href="#">Carlos Alberto Mandarim De Lacerda</a> |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Medical and Health Sciences / Anatomy</a><br>estereologia   biologia celular   biologia molecular   diabetes   síndrome metabólica                             | 52      | 33          | 0.635               | 233       | 132         | 0.567               | 10557    | 4359        | 0.413               |
| 63  | 685     | 1003   | 56280 | <a href="#">Brenda Gomes</a>                       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontics   Applied Microbiology  | 52      | 37          | 0.712               | 140       | 116         | 0.829               | 10475    | 4870        | 0.465               |
| 12  | 686     | 1006   | 56429 | <a href="#">Mauro Luciano Baesso</a>               |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Physics</a><br>Photohermal and Photoacoustic   healthy and infected tissues   White lighting   optical glasses                              | 52      | 27          | 0.519               | 239       | 126         | 0.527               | 10179    | 4052        | 0.398               |
| 211   | 687     | 1007   | 56465 | <a href="#">Etelvino José Henriques Bechara</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Oxidative stress   chemiluminescence   bioluminescence   free radicals   porphyria                           | 52      | 22          | 0.423               | 158       | 61          | 0.386               | 10119    | 2368        | 0.234               |
| 64  | 688     | 1008   | 56493 | <a href="#">Marco Aurélio Zezzi Arruda</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>bioanalítica   preparo de amostras   espectrometria de massas   mecanização  | 52      | 27          | 0.519               | 181       | 93          | 0.514               | 10065    | 2999        | 0.298               |
| 65  | 689     | 1009   | 56528 | <a href="#">Oliveira PS</a>                        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>insect ecology and behavior   | 52      | 26          | 0.500               | 117       | 82          | 0.701               | 9967     | 2731        | 0.274               |
| 30  | 690     | 1013   | 56607 | <a href="#">Sforcin JM</a>                         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">BIOSCIENCESBOTUCATU</a><br>NATURAL PRODUCTS  | 52      | 31          | 0.596               | 110       | 86          | 0.782               | 9803     | 4180        | 0.426               |
| 212   | 691     | 1014   | 56745 | <a href="#">Carlos Alberto De Bragança Pereira</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Statistics</a><br>ESTATÍSTICA   GENÉTICA   BIOINFORMÁTICA   ESTATÍSTICA MÉDICA  | 52      | 27          | 0.519               | 158       | 83          | 0.525               | 9558     | 2781        | 0.291               |
| 6   | 692     | 1015   | 56763 | <a href="#">Adalberto Luis Val</a>                 |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   Adaptação   Fisiologia   Peixes   Respiração   | 52      | 30          | 0.577               | 200       | 127         | 0.635               | 9518     | 3906        | 0.410               |

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|---|---------|--------|-------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 35  | 693     | 1016   | 56800 | <a href="#">Débora Dalbosco Dell Aglio</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>psicologia do desenvolvimento   adolescência   risco   proteção   | 52      | 36          | 0.692               | 135       | 109         | 0.807               | 9452     | 4714        | 0.499               |
| 1   | 694     | 1017   | 56831 | <a href="#">Alfésio Luís Ferreira Braga</a>          |  Brazil   | <a href="#">Universidade Católica de Santos UNISANTOS</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Ambiental   | 52      | 30          | 0.577               | 96        | 76          | 0.792               | 9399     | 3057        | 0.325               |
| 6   | 695     | 1018   | 56836 | <a href="#">Sergio Machado Rezende</a>               |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">UniversidPernambuco</a><br>Magnetism   Magnetic materials   Spintronics   | 52      | 29          | 0.558               | 161       | 76          | 0.472               | 9392     | 3363        | 0.358               |
| 1   | 696     | 1020   | 56919 | <a href="#">Leonie Asfora Sarubbo</a>                |  Brazil   | <a href="#">Universidade Católica de Pernambuco</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção de biossurfactantes   | 52      | 44          | 0.846               | 125       | 111         | 0.888               | 9259     | 6610        | 0.714               |
| 213   | 697     | 1021   | 57000 | <a href="#">Paulo Cesar O Trivelin</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">oPCENA/P.</a><br>Ciclagem de nitrogênio e sustentabilidade de agrossistemas   ciclagem de nutrientes em solo e planta   cultura da cana-de-açúcar   | 52      | 30          | 0.577               | 197       | 108         | 0.548               | 9128     | 3511        | 0.385               |
| 8   | 698     | 1022   | 57026 | <a href="#">Antonio Luiz Barbosa Pinheiro</a>        |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                   | photobiologia   Laser   Biotecnologia   Bioengenharia   Odontologia   | 52      | 24          | 0.462               | 175       | 100         | 0.571               | 9087     | 2720        | 0.299               |
| 30  | 699     | 1023   | 57063 | <a href="#">Paulo Roberto Borges De Souza Junior</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Fiocruz</a><br>Informação em Saúde  | 52      | 43          | 0.827               | 145       | 124         | 0.855               | 9035     | 5863        | 0.649               |
| 12  | 700     | 1025   | 57174 | <a href="#">Pedro Manoel Galetti Junior</a>          |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Biologia e Genética da Conservação   Genética e Aquicultura   Genética Evolutiva   | 52      | 22          | 0.423               | 168       | 78          | 0.464               | 8822     | 2519        | 0.286               |
| 13  | 701     | 1026   | 57205 | <a href="#">Mauricio Laterça Martins</a>             |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Fish diseases   Fish pathology   Fish health   Aquaculture   Immunoprophylaxis  | 52      | 29          | 0.558               | 206       | 137         | 0.665               | 8764     | 4085        | 0.466               |
| 214   | 702     | 1027   | 57234 | <a href="#">Marta MG Teixeira</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Protozoology   taxonomy   evolution   phylogeny   ecology   | 52      | 31          | 0.596               | 138       | 103         | 0.746               | 8714     | 3724        | 0.427               |
| 215   | 703     | 1028   | 57237 | <a href="#">Sila Carneiro Da Silva</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">PastagenseForragiculturaESALO/P</a><br>Morfogênese e ecofisiologia de plantas forrageiras   | 52      | 30          | 0.577               | 157       | 91          | 0.580               | 8704     | 3120        | 0.358               |
| 13  | 704     | 1029   | 57264 | <a href="#">Orlando Moreira Filho</a>                |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Citogenética de Peixes   Citogenética Básica e Molecular   Citogenética de Vertebrados   Impactos Ambientais em Bacias Hidrogr | 52      | 22          | 0.423               | 160       | 88          | 0.550               | 8658     | 2407        | 0.278               |
| 216   | 705     | 1031   | 57291 | <a href="#">Edecio Cunha Neto</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Chagas disease   T cell epitopes   HIV   HIV vaccines  | 52      | 31          | 0.596               | 120       | 81          | 0.675               | 8580     | 3158        | 0.368               |

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|---|---------|--------|-------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 36  | 706     | 1032   | 57362 | <a href="#">Léo Afraneo Hartmann</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geotectonica   geocronologia   | 52      | 29          | 0.558               | 130       | 92          | 0.708               | 8451     | 3261        | 0.386               |
| 217   | 707     | 1033   | 57372 | <a href="#">Raquel Fernanda Gerlach</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>metaloproteínas   lead   teeth   MMP-2   heart  | 52      | 26          | 0.500               | 141       | 80          | 0.567               | 8414     | 2724        | 0.324               |
| 218   | 708     | 1034   | 57410 | <a href="#">Roberto GS Berlinck</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry   Natural Products Chemistry   Biosynthesis   | 52      | 30          | 0.577               | 120       | 86          | 0.717               | 8298     | 2888        | 0.348               |
| 219   | 709     | 1035   | 57463 | <a href="#">Maricê Nogueira De Oliveira</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Technology   Fermented Milk   Probiotics  | 52      | 33          | 0.635               | 135       | 83          | 0.615               | 8134     | 3460        | 0.425               |
| 31  | 710     | 1038   | 57566 | <a href="#">Eleni Gomes</a>                              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | Microbiologia Industrial  | 52      | 33          | 0.635               | 130       | 108         | 0.831               | 7772     | 3810        | 0.490               |
| 14  | 711     | 1039   | 57594 | <a href="#">Francisco De Assis Guedes De Vasconcelos</a> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição em Saúde Coletiva   | 52      | 31          | 0.596               | 135       | 99          | 0.733               | 7649     | 3705        | 0.484               |
| 220   | 712     | 1041   | 57647 | <a href="#">Walter Colli</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a>  | 52      | 20          | 0.385               | 121       | 41          | 0.339               | 7078     | 1312        | 0.185               |
| 2   | 713     | 1043   | 57910 | <a href="#">Fabio Pitta</a>                              |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Physical Activity   Chronic Obstructive Pulmonary Disease   Pulmonary Rehabilitation   Respiratory Physiotherapy   Smoking | 51      | 38          | 0.745               | 125       | 103         | 0.824               | 18345    | 10511       | 0.573               |
| 9   | 714     | 1045   | 58059 | <a href="#">Estela Aquino</a>                            |  Brazil | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Saúde Coletiva (UFBA)</a><br>Gênero e saúde   Saúde Coletiva   Epidemiologia  | 51      | 36          | 0.706               | 127       | 85          | 0.669               | 15289    | 6845        | 0.448               |
| 4   | 715     | 1046   | 58162 | <a href="#">Eduardo Eizirik</a>                          |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Conservation genetics   Phylogenetics   Evolutionary Genomics   Molecular Ecology                                  | 51      | 33          | 0.647               | 105       | 85          | 0.810               | 14246    | 4647        | 0.326               |
| 221   | 716     | 1047   | 58368 | <a href="#">Maria Julia Paes Da Silva</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Aposentaem</a><br>comunicação interpessoal   praticas integrativas de saúde   | 51      | 29          | 0.569               | 247       | 106         | 0.429               | 12731    | 4814        | 0.378               |
| 222   | 717     | 1049   | 58422 | <a href="#">Aion Viana</a>                               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>high-energy astrophysics   dark matter   gamma-ray astrophysics   cosmology   | 51      | 38          | 0.745               | 99        | 90          | 0.909               | 12410    | 8502        | 0.685               |










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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 34  | 718     | 1050   | 58427 | <a href="#">Ana Maria Blanco Malbouisson</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">RioJaneiro</a><br>Neurobiologia   Neurociência   Neuropatologia   | 51      | 33          | 0.647               | 249       | 125         | 0.502               | 12392    | 5250        | 0.424               |
| 223   | 719     | 1051   | 58492 | <a href="#">Luiz Lehmann Coutinho</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biotecnologia   genoma   | 51      | 37          | 0.725               | 182       | 131         | 0.720               | 12152    | 5070        | 0.417               |
| 224   | 720     | 1053   | 58569 | <a href="#">Marie Anne Van Sluys</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSao Paulo</a><br>Life Sciences   | 51      | 30          | 0.588               | 99        | 56          | 0.566               | 11863    | 4058        | 0.342               |
| 7   | 721     | 1054   | 58614 | <a href="#">Fábio De Oliveira Pedrosa</a>    |  Brazil   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bacterial Nitrogen Metabolism   Nitrogen Fixation   Regulation of gene expression   Genomics   Metagenomics | 51      | 35          | 0.686               | 236       | 134         | 0.568               | 11723    | 5080        | 0.433               |
| 66  | 722     | 1055   | 58642 | <a href="#">Edson Antunes</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Pulmonary pharmacology   Pharmacology of the lower urinary tract  | 51      | 22          | 0.431               | 226       | 97          | 0.429               | 11651    | 2730        | 0.234               |
| 4   | 723     | 1056   | 58680 | <a href="#">Ca Moura</a>                     |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>           | <a href="#">Natural Sciences / Physics</a><br>Elementary Particle Physics   High Energy Physics   Astroparticle Physics   Neutrino Physics                                | 51      | 36          | 0.706               | 89        | 67          | 0.753               | 11519    | 5835        | 0.507               |
| 15  | 724     | 1057   | 58789 | <a href="#">Roberto Lamberts</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>edificações eficiência energética conforto térmico bioclimatologia              | 51      | 37          | 0.725               | 167       | 105         | 0.629               | 11135    | 5788        | 0.520               |
| 225   | 725     | 1058   | 58855 | <a href="#">Homero Vallada</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical</a>   | 51      | 25          | 0.490               | 137       | 69          | 0.504               | 10974    | 3042        | 0.277               |
| 1   | 726     | 1061   | 58895 | <a href="#">Jacques Hc Delabie</a>           |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>    | <a href="#">CEPECUESC</a><br>Entomologia   biogeografia   Formicidae  | 51      | 24          | 0.471               | 225       | 110         | 0.489               | 10872    | 3714        | 0.342               |
| 226   | 727     | 1062   | 58947 | <a href="#">Humberto Rocha</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSão Paulo</a><br>Hidroclimatologia   Modelagem de ecossistemas   Sensores meteorológicos   | 51      | 31          | 0.608               | 105       | 84          | 0.800               | 10723    | 4181        | 0.390               |
| 10  | 728     | 1063   | 58952 | <a href="#">Concepta Mcmanus</a>             |  Brazil | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal breeding   animal science   animal genetic resources   climate change                         | 51      | 34          | 0.667               | 252       | 165         | 0.655               | 10715    | 5236        | 0.489               |
| 8   | 729     | 1064   | 58998 | <a href="#">David Mitchell</a>               |  Brazil | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biotechnology   | 51      | 27          | 0.529               | 151       | 86          | 0.570               | 10619    | 3197        | 0.301               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 730     | 1065   | 59079 | <a href="#">Maria Martha Campos</a>               |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> |   | 51      | 31          | 0.608               | 156       | 109         | 0.699               | 10456    | 4109        | 0.393               |
| 13  | 731     | 1066   | 59106 | <a href="#">Luis Eduardo Coelho Andrade</a>       |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Rheumatology   Autoimmunity   Autoantibodies  | 51      | 33          | 0.647               | 174       | 106         | 0.609               | 10414    | 4748        | 0.456               |
| 35  | 732     | 1068   | 59188 | <a href="#">Ronir Raggio</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      |   | 51      | 34          | 0.667               | 190       | 125         | 0.658               | 10246    | 4788        | 0.467               |
| 14  | 733     | 1069   | 59222 | <a href="#">Reinaldo Morabito</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Operations research   production engineering   logistics  | 51      | 30          | 0.588               | 166       | 101         | 0.608               | 10188    | 3985        | 0.391               |
| 227   | 734     | 1073   | 59363 | <a href="#">Dario S Zamboni</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">MediciRibeirão Preto</a><br>Imunidade Inata   Patogenicidade Microbiana   Inflamação   Infecção   Interação Patógeno-Hospedeiro         | 51      | 41          | 0.804               | 119       | 108         | 0.908               | 9915     | 5964        | 0.602               |
| 3   | 735     | 1077   | 59614 | <a href="#">Farid Chemale Junior</a>              |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geotectônica   Metalogênese   Geocronologia   Geologia Estrutural   Estratigrafia  | 51      | 37          | 0.725               | 175       | 111         | 0.634               | 9449     | 4554        | 0.482               |
| 228   | 736     | 1079   | 59623 | <a href="#">Marisa Dolnikoff</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia Pulmonar   Patologia de Autópsia   | 51      | 32          | 0.627               | 128       | 88          | 0.688               | 9436     | 4529        | 0.480               |
| 1   | 737     | 1081   | 59825 | <a href="#">Marilia Oliveira Fonseca Goulart</a>  |  Brazil  | <a href="#">Universidade Federal de Alagoas</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Eletroquímica   Estresse oxidativo                                       | 51      | 32          | 0.627               | 146       | 91          | 0.623               | 9039     | 4021        | 0.445               |
| 37  | 738     | 1082   | 59842 | <a href="#">Francisco De Assis Acurcio</a>        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>avaliação em saúde   farmacoepidemiologia   farmacoeconomia | 51      | 35          | 0.686               | 202       | 146         | 0.723               | 9015     | 4558        | 0.506               |
| 229   | 739     | 1083   | 59895 | <a href="#">Fernando L Mantelatto</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Taxonomia   Sistemática e Biologia de Crustáceos Decápodes                                 | 51      | 25          | 0.490               | 224       | 126         | 0.563               | 8943     | 3276        | 0.366               |
| 2   | 740     | 1084   | 59899 | <a href="#">Ana Tereza Ribeiro De Vasconcelos</a> |  Brazil | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>               | <a href="#">Laboratório Nacional de Computação Científica</a><br>Bioinformatics and Genomics  | 51      | 37          | 0.725               | 150       | 113         | 0.753               | 8940     | 5271        | 0.590               |
| 16  | 741     | 1085   | 59909 | <a href="#">Sergio R Floeter</a>                  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | Reef fish   Biogeography   Evolution   Ecology   Macroecology   | 51      | 41          | 0.804               | 116       | 96          | 0.828               | 8915     | 4787        | 0.537               |



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| University  | Country | Region | World | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 230   | 742     | 1086   | 59987 | <a href="#">Mario Taba Jr</a><br><a href="#">Mario Taba Junior</a><br><a href="#">Mario Jr. Taba</a><br><a href="#">Mario Taba</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontology   Periodontics   Dentistry  | 51      | 30          | 0.588               | 124       | 91          | 0.734               | 8794     | 3255        | 0.370               |
| 32  | 743     | 1087   | 59990 | <a href="#">Celso V Santilli</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>ciencias dos materiais   fisico-quimica   química dos solidos   | 51      | 30          | 0.588               | 214       | 101         | 0.472               | 8793     | 3271        | 0.372               |
| 31  | 744     | 1088   | 60014 | <a href="#">Adauto Araujo</a>  | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Researcher, Escola Nacional de Saude Publica, Fundação Oswaldo Cruz</a><br>Paleoparasitology   Parasitism   Origin and Evolution of Infectious Diseases   Paleoepidemiology           | 51      | 25          | 0.490               | 184       | 92          | 0.500               | 8749     | 2554        | 0.292               |
| 3   | 745     | 1090   | 60049 | <a href="#">Armando Leite Da Silva</a>   | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power System Reliability   Monte Carlo Simulation   Reliability   Power Systems   Power System Planning | 51      | 27          | 0.529               | 130       | 63          | 0.485               | 8699     | 2384        | 0.274               |
| 231   | 746     | 1092   | 60081 | <a href="#">Mariz Vainzof</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a>   | 51      | 20          | 0.392               | 139       | 56          | 0.403               | 8650     | 1758        | 0.203               |
| 232   | 747     | 1093   | 60128 | <a href="#">Adriano D Andricopulo</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal Chemistry   | 51      | 30          | 0.588               | 148       | 85          | 0.574               | 8569     | 4224        | 0.493               |
| 14  | 748     | 1096   | 60199 | <a href="#">Sergio Antonio Draibe</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  |   | 51      | 25          | 0.490               | 119       | 56          | 0.471               | 8435     | 2217        | 0.263               |
| 233   | 749     | 1097   | 60202 | <a href="#">Hermi Brito</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Espectroscopia fotoluminescente de terras raras   materiais luminescentes   complexos de terras raras e materiais de terras raras         | 51      | 28          | 0.549               | 143       | 100         | 0.699               | 8423     | 3038        | 0.361               |
| 234   | 750     | 1098   | 60300 | <a href="#">Tereza Cristina Scatena Villa</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                              | Saúde   | 51      | 26          | 0.510               | 184       | 95          | 0.516               | 8209     | 2517        | 0.307               |
| 37  | 751     | 1099   | 60305 | <a href="#">Marilene Vainstein</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Biofilms   medical fungi   biorremediation   | 51      | 30          | 0.588               | 152       | 95          | 0.625               | 8202     | 3028        | 0.369               |
| 235   | 752     | 1100   | 60323 | <a href="#">Carmen Sílvia Favaro Trindade</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a><br>microencapsulation of food ingredients   probiotics   | 51      | 41          | 0.804               | 110       | 103         | 0.936               | 8160     | 5253        | 0.644               |
| 236   | 753     | 1101   | 60345 | <a href="#">Heizir F De Castro</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UNIVERSIDADE DE SÃO PAULO</a><br>BIOCATÁLISE  | 51      | 30          | 0.588               | 172       | 115         | 0.669               | 8119     | 3426        | 0.422               |

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| University  | Country | Region | World | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 754     | 1102   | 60371 | <a href="#">Aldo Zarbin</a>                    | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Materials chemistry and Nanotechnology   Carbon Nanostructures (graphene and nanotubes)   Thin films   Liquid/liquid interfaces   2D | 51      | 33          | 0.647               | 138       | 103         | 0.746               | 8073     | 3761        | 0.466               |
| 237   | 755     | 1104   | 60431 | <a href="#">Germano Tremiliosi Filho</a>       | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Eletroquímica   Materiais: Eletrocatalise   Ciência de superfície   Corrosão   | 51      | 29          | 0.569               | 121       | 78          | 0.645               | 7848     | 2841        | 0.362               |
| 32  | 756     | 1105   | 60470 | <a href="#">Josélia Firmo</a>                  | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">IRR/FIOCRUZ</a><br>Saúde do idoso  | 51      | 28          | 0.549               | 126       | 96          | 0.762               | 7729     | 2819        | 0.365               |
| 17  | 757     | 1112   | 60546 | <a href="#">Marcelo Maraschin</a>              | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica e Metabolismo   | 51      | 35          | 0.686               | 147       | 118         | 0.803               | 7493     | 4467        | 0.596               |
| 238   | 758     | 1113   | 60562 | <a href="#">Maria Beatriz Martins Linhares</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia Pediátrica   Psicologia do Desenvolvimento da Criança   Prematuros   Dor   Temperamento e Comportamento                           | 51      | 29          | 0.569               | 152       | 87          | 0.572               | 7430     | 3015        | 0.406               |
| 38  | 759     | 1114   | 60568 | <a href="#">Marco Ayub</a>                     | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Biological Science</a><br>Biotechnology   Bioprocess   Fermentation   Bioethanol   Food Biotechnology   | 51      | 34          | 0.667               | 148       | 109         | 0.736               | 7391     | 3475        | 0.470               |
| 33  | 760     | 1115   | 60588 | <a href="#">Clelia Akiko Hiruma Lima</a>       | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Natural products   | 51      | 26          | 0.510               | 110       | 75          | 0.682               | 7301     | 2467        | 0.338               |
| 34  | 761     | 1116   | 60598 | <a href="#">Clélia Akiko Hiruma Lima</a>       | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>medicinal plants   antiulcerogenic activity   gastroprotective effect   essential oil   ethnopharmacology                           | 51      | 26          | 0.510               | 112       | 74          | 0.661               | 7260     | 2475        | 0.341               |
| 35  | 762     | 1117   | 60608 | <a href="#">Ana Lucia Machado</a>              | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese Dentária   Biomateriais   Biofilmes microbianos   | 51      | 31          | 0.608               | 119       | 82          | 0.689               | 7189     | 2720        | 0.378               |
| 36  | 763     | 1118   | 60609 | <a href="#">Elcio Marcantonio Junior</a>       | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Implantodontia   Regeneração óssea   Biomateriais   | 51      | 25          | 0.490               | 131       | 91          | 0.695               | 7180     | 2491        | 0.347               |



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| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 764     | 1119   | 60677 | <a href="#">Marli André</a>                           |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>       | Formação e política de formação docente  | 50      | 34          | 0.680               | 130       | 78          | 0.600               | 46944    | 16903       | 0.360               |
| 4   | 765     | 1126   | 60910 | <a href="#">Lenio Luiz Streck</a>                     |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>             | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Direito Constitucional   Hermenêutica Jurídica   Filosofia do Direito   Teoria do Direito  | 50      | 33          | 0.660               | 154       | 96          | 0.623               | 17787    | 7272        | 0.409               |
| 37  | 766     | 1127   | 60997 | <a href="#">Bernardo Mançano Fernandes</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Geography</a><br>Geografia   Geografia Humana   Geografia Agrária   Território   Questão Agrária                          | 50      | 34          | 0.680               | 167       | 93          | 0.557               | 15777    | 5975        | 0.379               |
| 67  | 767     | 1129   | 61031 | <a href="#">Daniel Pakk Selmi Dei</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">UNICAMP</a>  | 50      | 33          | 0.660               | 73        | 56          | 0.767               | 15187    | 4422        | 0.291               |
| 38  | 768     | 1130   | 61143 | <a href="#">Maria Isabel Toulson Davisson Correia</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   cirurgia   câncer   probióticos   aminoácidos                        | 50      | 35          | 0.700               | 133       | 110         | 0.827               | 14051    | 7889        | 0.561               |
| 39  | 769     | 1131   | 61257 | <a href="#">Marcos Von Sperling</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">SanitáriEAmbientalUFMG</a><br>Tratamento de águas residuárias  | 50      | 32          | 0.640               | 155       | 93          | 0.600               | 13241    | 5307        | 0.401               |
| 239   | 770     | 1132   | 61294 | <a href="#">Tercio Ambrizzi</a>                       |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Climatology   Climate Dynamics   Atmospheric Numerical Modeling | 50      | 39          | 0.780               | 120       | 95          | 0.792               | 13015    | 6408        | 0.492               |
| 240   | 771     | 1133   | 61295 | <a href="#">Raquel Rolnik</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Urbanismo</a><br>urbanismo   política urbana   política habitacional   | 50      | 33          | 0.660               | 120       | 73          | 0.608               | 13013    | 5993        | 0.461               |
| 2   | 772     | 1134   | 61324 | <a href="#">Maria Cristina Gonzalez</a>               |  Brazil | <a href="#">Universidade Católica de Pelotas</a>                           | <a href="#">Pelotas</a><br>body composition   nutritional assessment   surgery   elderly   cancer  | 50      | 43          | 0.860               | 116       | 97          | 0.836               | 12836    | 8852        | 0.690               |
| 4   | 773     | 1136   | 61388 | <a href="#">Thiago F Rangel</a>                       |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity   Geographical Ecology   Biogeography   Macroecology   Conservation Biology        | 50      | 34          | 0.680               | 111       | 82          | 0.739               | 12396    | 5496        | 0.443               |
| 4   | 774     | 1137   | 61412 | <a href="#">Bernardo BN Strassburg</a>                |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | Sustainability Science   Nature and Biodiversity Conservation   Ecosystem Services   Ecological Restoration   Ecological Economics                       | 50      | 45          | 0.900               | 89        | 85          | 0.955               | 12274    | 9767        | 0.796               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 241   | 775     | 1138   | 61451 | <a href="#">Ludhmila Abrahao Hajjar</a>                                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Cardiology</a>  | 50      | 46          | 0.920               | 138       | 119         | 0.862               | 12108    | 9041        | 0.747               |
| 242   | 776     | 1140   | 61546 | <a href="#">Dimas Tadeu Covas</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular e Molecular - Células-tronco - hematologia              | 50      | 33          | 0.660               | 202       | 135         | 0.668               | 11740    | 5606        | 0.478               |
| 243   | 777     | 1141   | 61584 | <a href="#">Patrícia Constante Jaime</a>                                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia nutricional   Políticas de Alimentação e Nutrição | 50      | 41          | 0.820               | 132       | 101         | 0.765               | 11608    | 7710        | 0.664               |
| 1   | 778     | 1142   | 61613 | <a href="#">Fabio Lopes Olivares</a><br><a href="#">FL. Fabio Olivares</a> |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">UENF</a><br>Microbiologia e Bioquímica do Solo  | 50      | 40          | 0.800               | 107       | 90          | 0.841               | 11543    | 5266        | 0.456               |
| 244   | 779     | 1145   | 61751 | <a href="#">Nelson Gouveia</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Ambiental   | 50      | 32          | 0.640               | 113       | 77          | 0.681               | 11082    | 4312        | 0.389               |
| 7   | 780     | 1148   | 61785 | <a href="#">Jansen Zuanon</a>  |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>             | <a href="#">History, Philosophy, Theology / History</a><br>História natural   Ecologia   comportamento e taxonomia de peixes de água doce       | 50      | 35          | 0.700               | 155       | 115         | 0.742               | 10985    | 6693        | 0.609               |
| 245   | 781     | 1149   | 61882 | <a href="#">Maria Carmen Arroyo Sanchez</a>                                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSÁfo Paulo</a><br>Medicina Tropical   Doenças Infeciosas   Imunologia   Parasitologia   Biossegurança                      | 50      | 31          | 0.620               | 227       | 104         | 0.458               | 10736    | 4106        | 0.382               |
| 36  | 782     | 1150   | 61895 | <a href="#">Antonio Carlos Campos De Carvalho</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Medical and Health Sciences / Physiology</a><br>stem cells   cell therapies   heart   | 50      | 22          | 0.440               | 154       | 72          | 0.468               | 10676    | 2219        | 0.208               |
| 246   | 783     | 1151   | 61928 | <a href="#">Nadja Souza Pinto</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSÁfo Paulo</a>   | 50      | 27          | 0.540               | 72        | 59          | 0.819               | 10618    | 3104        | 0.292               |
| 1   | 784     | 1152   | 62011 | <a href="#">Beatriz Schwantes Marimon</a>                                  |  Brazil | <a href="#">Universidade do Estado de Mato Grosso UNEMAT</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia da Vegetação   Fitogeografia   Amazônia   Cerrado   Transição                 | 50      | 39          | 0.780               | 131       | 109         | 0.832               | 10417    | 7187        | 0.690               |
| 68  | 785     | 1153   | 62053 | <a href="#">Pedro Ld Peres</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Campinas</a><br>linear systems   robust control   robust filtering   linear matrix inequalities                                     | 50      | 26          | 0.520               | 170       | 77          | 0.453               | 10335    | 2631        | 0.255               |
| 7   | 786     | 1154   | 62077 | <a href="#">Anderson Sl Gomes</a>  |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                      | <a href="#">Natural Sciences / Physics</a><br>Nonlinear Optics   Nanophotonics   Optical coherence tomography   Nonlinear fiber optics          | 50      | 27          | 0.540               | 201       | 98          | 0.488               | 10280    | 3571        | 0.347               |
| 247   | 787     | 1156   | 62133 | <a href="#">José Fernando Castanha Henriques</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia   Ortopedia Facial  | 50      | 28          | 0.560               | 209       | 104         | 0.498               | 10135    | 3306        | 0.326               |











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| University  | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 40  | 788     | 1157   | 62138 | <a href="#">Andréa Mara Macedo</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Protozoology   Chagas disease   Leishmaniasis  | 50      | 24          | 0.480               | 100       | 64          | 0.640               | 10121    | 2831        | 0.280               |
| 69  | 789     | 1158   | 62174 | <a href="#">Rafael Oliveira</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Functional Ecology   Ecohydrology   Stable Isotopes   Savanna ecology   restoration ecology                                 | 50      | 44          | 0.880               | 128       | 120         | 0.938               | 10029    | 6895        | 0.688               |
| 248   | 790     | 1159   | 62231 | <a href="#">Edson Amaro Jr</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Radiology</a><br>Neuroradiology   Neuroscience   Data Analytics   | 50      | 33          | 0.660               | 145       | 109         | 0.752               | 9915     | 4337        | 0.437               |
| 70  | 791     | 1160   | 62303 | <a href="#">Marcio Ajudarte Lopes</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br>semiologia   patologia   diagnóstico bucal   | 50      | 32          | 0.640               | 219       | 140         | 0.639               | 9766     | 4474        | 0.458               |
| 41  | 792     | 1161   | 62309 | <a href="#">Fernando M Reis</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | Reproductive Endocrinology   Endometriosis   Activin   PCOS   | 50      | 31          | 0.620               | 171       | 100         | 0.585               | 9746     | 4928        | 0.506               |
| 4   | 793     | 1162   | 62360 | <a href="#">Kenio Costa De Lima</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Saúde Coletiva   Cariologia   Envelhecimento   Microbiologia   Epidemiologia   | 50      | 38          | 0.760               | 191       | 137         | 0.717               | 9664     | 5157        | 0.534               |
| 5   | 794     | 1163   | 62380 | <a href="#">Marcos Duarte</a>                 |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>           | <a href="#">Biomechanics (Biomecânica) Motor Control (Controle Motor) Engenharia Biomédica </a><br>Biomechanics   (Biomecânica)   Motor Control   (Controle Motor)   Engenharia Biomédica | 50      | 33          | 0.660               | 97        | 69          | 0.711               | 9628     | 3686        | 0.383               |
| 37  | 795     | 1164   | 62381 | <a href="#">Richarde Franco</a>               |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Bacharel Jurídica Sociais UFRJ</a><br>processo penal   presos provisórios   prisão preventiva   presunção de inocência.   | 50      | 28          | 0.560               | 174       | 78          | 0.448               | 9626     | 3143        | 0.327               |
| 33  | 796     | 1165   | 62405 | <a href="#">Oswaldo Paulo Forattini</a>       |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Faculdade de Saúde Pública Universidade de São Paulo</a><br>Entomologia   | 50      | 17          | 0.340               | 149       | 31          | 0.208               | 9583     | 1611        | 0.168               |
| 4   | 797     | 1166   | 62418 | <a href="#">Mario Cesar Ugulino De Araujo</a> |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   | 50      | 28          | 0.560               | 168       | 94          | 0.560               | 9575     | 3814        | 0.398               |
| 249   | 798     | 1167   | 62424 | <a href="#">Klaus Hartfelder</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Developmental Biology   Social insects   | 50      | 29          | 0.580               | 104       | 69          | 0.663               | 9557     | 3196        | 0.334               |
| 8   | 799     | 1168   | 62427 | <a href="#">Inara R Leal</a>                  |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Community ecology   Plant-animal interactions   Ant-plant interactions   | 50      | 37          | 0.740               | 115       | 99          | 0.861               | 9553     | 5267        | 0.551               |
| 250   | 800     | 1169   | 62435 | <a href="#">Henning Ulrich</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience   developmental biology   pharmacology   | 50      | 33          | 0.660               | 180       | 130         | 0.722               | 9531     | 5906        | 0.620               |









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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 39  | 801     | 1170   | 62504 | <a href="#">Amélia Henriques</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos Naturais   Farmacognosia   Controle de Qualidade   Atividades Biológicas                        | 50      | 28          | 0.560               | 206       | 108         | 0.524               | 9389     | 3329        | 0.355               |
| 5   | 802     | 1171   | 62519 | <a href="#">Edeltrudes Lima</a>                    |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Micologia   Bacteriologia   Produtos naturais e/ou sintéticos bioativos   Etnomedicina   Questões culturais                        | 50      | 32          | 0.640               | 159       | 112         | 0.704               | 9362     | 4286        | 0.458               |
| 251   | 803     | 1172   | 62544 | <a href="#">Sergio Adorno</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Social Sciences / Sociology</a><br>violência   crime   direitos humanos   justiça   democracia   | 50      | 30          | 0.600               | 100       | 63          | 0.630               | 9306     | 2965        | 0.319               |
| 38  | 804     | 1173   | 62589 | <a href="#">Carlos Crusciol</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fitotecnia - Fertilidade do Solo e Adubação - Manejo e Tratus Culturais  | 50      | 33          | 0.660               | 226       | 131         | 0.580               | 9243     | 4379        | 0.474               |
| 39  | 805     | 1174   | 62590 | <a href="#">Ciro Rosolem</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultura  | 50      | 29          | 0.580               | 217       | 111         | 0.512               | 9243     | 3749        | 0.406               |
| 252   | 806     | 1175   | 62649 | <a href="#">Lucia Helena Faccioli</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Inflamação   Imunologia Celular   Doenças Infecciosas   Mediadores Lipídicos  | 50      | 29          | 0.580               | 184       | 119         | 0.647               | 9148     | 3577        | 0.391               |
| 9   | 807     | 1176   | 62669 | <a href="#">Rosires Deliza</a>                     |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Embrapa Food Technology</a>  | 50      | 37          | 0.740               | 133       | 111         | 0.835               | 9116     | 4743        | 0.520               |
| 14  | 808     | 1177   | 62679 | <a href="#">Fabrício Ávila Rodrigues</a>           |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>host defense mechanisms   induced resistance   microscopy   photosynthesis   | 50      | 37          | 0.740               | 184       | 139         | 0.755               | 9100     | 5267        | 0.579               |
| 253   | 809     | 1178   | 62738 | <a href="#">Protásio L. Da Luz</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Cardiology</a><br>Clinical Cardiology  | 50      | 18          | 0.360               | 123       | 34          | 0.276               | 9029     | 1640        | 0.182               |
| 11  | 810     | 1181   | 62860 | <a href="#">Jairo Eduardo Borges Andrade</a>       |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">UniversidBrasília</a><br>Psicologia   Psicologia Organizacional e do Trabalho   Psicologia do Trabalho e das Organizações  | 50      | 29          | 0.580               | 131       | 80          | 0.611               | 8865     | 3147        | 0.355               |
| 254   | 811     | 1182   | 62882 | <a href="#">Glaucius Oliva</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Sao Paulo</a><br>structural biology   medicinal chemistry  | 50      | 23          | 0.460               | 148       | 77          | 0.520               | 8834     | 3229        | 0.366               |
| 6   | 812     | 1183   | 62899 | <a href="#">Walter Filgueira De Azevedo Junior</a> |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Pontifical Catholicof Rio Grando Sul (PUCRS)</a><br>Computational Systems Biology   Molecular Simulations   Bio-inspired Computing   Molecular Docking   Protein-Ligand Interactions | 50      | 30          | 0.600               | 146       | 91          | 0.623               | 8808     | 3251        | 0.369               |













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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 255   | 813     | 1185   | 62925 | <a href="#">Curvelo Aas</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Education   | 50      | 34          | 0.680               | 103       | 74          | 0.718               | 8786     | 3443        | 0.392               |
| 256   | 814     | 1186   | 62931 | <a href="#">Laercio Franco</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciRibeirÃoPreto</a><br>Diabetes   | 50      | 21          | 0.420               | 121       | 52          | 0.430               | 8781     | 1873        | 0.213               |
| 71  | 815     | 1187   | 62956 | <a href="#">Fernando Roberto Martins</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de populações e comunidades vegetais  | 50      | 25          | 0.500               | 136       | 65          | 0.478               | 8742     | 2330        | 0.267               |
| 257   | 816     | 1189   | 62982 | <a href="#">Valmor Tricoli</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a>   | 50      | 37          | 0.740               | 115       | 94          | 0.817               | 8706     | 5095        | 0.585               |
| 34  | 817     | 1190   | 62985 | <a href="#">Carlos Medicis Morel</a>             |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Researcher at Oswaldo Cruz Foundation (Fiocruz)</a><br>trypanosome cruzi   chagas disease   social network analysis   health innovation   global virome project | 50      | 22          | 0.440               | 96        | 42          | 0.438               | 8703     | 1835        | 0.211               |
| 38  | 818     | 1191   | 63066 | <a href="#">Mônica Gadelha</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Neuroendocrinology - Pituitary diseases   | 50      | 40          | 0.800               | 152       | 111         | 0.730               | 8574     | 4992        | 0.582               |
| 13  | 819     | 1192   | 63100 | <a href="#">Nilson Evelazio De Souza</a>         |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>ácidos graxos   colesterol   carnes   vegetais   poluentes  | 50      | 29          | 0.580               | 168       | 88          | 0.524               | 8510     | 3069        | 0.361               |
| 40  | 820     | 1195   | 63173 | <a href="#">Walter Collischonn</a>               |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">asHidraulicasRioâ€</a><br>hidrologia   hydrology   water resources   large scale hydrology  | 50      | 34          | 0.680               | 130       | 89          | 0.685               | 8405     | 4335        | 0.516               |
| 258   | 821     | 1196   | 63304 | <a href="#">Eugenio Foresti</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Biological Wastewater Treatment. Anaerobic Processes. Nutrient Removal            | 50      | 26          | 0.520               | 169       | 80          | 0.473               | 8202     | 2696        | 0.329               |
| 3   | 822     | 1198   | 63318 | <a href="#">Ricardo Tavares Pinheiro</a>         |  Brazil | <a href="#">Universidade Católica de Pelotas</a>                       | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Saúde Publica   Psiquiatria   Epidemiologia   Saúde Mental   Perinatal Mental Health                            | 50      | 33          | 0.660               | 138       | 104         | 0.754               | 8177     | 3753        | 0.459               |
| 259   | 823     | 1200   | 63332 | <a href="#">Massuo Jorge Kato</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | phytochemistry   natural product chemistry  | 50      | 25          | 0.500               | 161       | 98          | 0.609               | 8156     | 2738        | 0.336               |
| 40  | 824     | 1201   | 63335 | <a href="#">Juliane Maria Guerreiro Tanomaru</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   microbiologia   | 50      | 39          | 0.780               | 155       | 129         | 0.832               | 8149     | 4590        | 0.563               |
| 12  | 825     | 1204   | 63412 | <a href="#">Sônia Nair Bão</a>                   |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Microscopia Eletrônica   Morfologia   Biologia da Reprodução   | 50      | 25          | 0.500               | 206       | 92          | 0.447               | 8017     | 2767        | 0.345               |















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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 41  | 826     | 1205   | 63427 | <a href="#">Daisy Maria Fávero Salvadori</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | Mutagênese  | 50      | 22          | 0.440               | 148       | 73          | 0.493               | 7990     | 2293        | 0.287               |
| 1   | 827     | 1206   | 63466 | <a href="#">Ernesto Cesar Pinto Leal Junior Pt</a> |  Brazil   | <a href="#">Universidade Nove de Julho</a>                                  | <a href="#">PhototherapyandInnovativeTechnologiesandHealth(LPIT)NoveJulho</a>   Low-level laser therapy   Light emitting diode therapy   Photobiomodulation therapy   Sports   Exercise | 50      | 40          | 0.800               | 123       | 111         | 0.902               | 7926     | 4679        | 0.590               |
| 7   | 828     | 1207   | 63661 | <a href="#">Monica Ryff Moreira Roca Vianna</a>    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Neuroscience</a>   neuroscience   pharmacology  | 50      | 26          | 0.520               | 79        | 48          | 0.608               | 7527     | 2032        | 0.270               |
| 4   | 829     | 1208   | 63747 | <a href="#">Eduardo Secchi</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                     | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a>   Oceanografia Biologica   Ecologia  | 50      | 33          | 0.660               | 142       | 115         | 0.810               | 7314     | 3782        | 0.517               |
| 42  | 830     | 1209   | 63778 | <a href="#">Roberto B Figueiredo</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a>   Materials Science  | 50      | 32          | 0.640               | 113       | 93          | 0.823               | 7210     | 3287        | 0.456               |
| 72  | 831     | 1210   | 63783 | <a href="#">Edgard Graner</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a>   Patologia Bucal   Biologia Tumoral  | 50      | 25          | 0.500               | 91        | 59          | 0.648               | 7201     | 2032        | 0.282               |
| 4   | 832     | 1211   | 63806 | <a href="#">Marcos AS Barrozo</a>                  |  Brazil  | <a href="#">Universidade Federal de Uberlândia</a>                          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a>   particulate system   drying   solid-liquid separation   flotation   rotary drum                                   | 50      | 31          | 0.620               | 158       | 123         | 0.778               | 7081     | 3699        | 0.522               |
| 3   | 833     | 1212   | 63825 | <a href="#">Ricardo Pinho</a>                      |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a>   Bioquímica do exercício físico   fisiologia do exercício   doenças crônicas   metabolismo celular                          | 50      | 32          | 0.640               | 124       | 103         | 0.831               | 6959     | 3329        | 0.478               |
| 260   | 834     | 1215   | 63937 | <a href="#">Marilena Chaui</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">History, Philosophy, Theology / Philosophy</a>   História da Filosofia   Ética e Filosofia Política   Metafísica   Epistemologia   Filosofia Brasileira                     | 49      | 29          | 0.592               | 79        | 49          | 0.620               | 32359    | 7829        | 0.242               |
| 8   | 835     | 1216   | 63965 | <a href="#">Ingo Sarlet</a>                        |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Direito.PontificiaRioGranDoSul</a>   Direito Constitucional   Teoria dos Direitos Fundamentais   Eficácia e Efetividade dos direitos fundamentais no direito público.       | 49      | 32          | 0.653               | 111       | 83          | 0.748               | 28080    | 11304       | 0.403               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 836     | 1218   | 63992 | <a href="#">Celso Antônio Bandeira De Mello</a>      |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Law / Law and Legal Studies</a><br>Direito Administrativo   Direito Constitucional   Direito Público   Administrative Law                          | 49      | 27          | 0.551               | 184       | 78          | 0.424               | 25598    | 7096        | 0.277               |
| 39  | 837     | 1220   | 64044 | <a href="#">Rafael Linden</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Cell Biology   Neurodegeneration  | 49      | 22          | 0.449               | 125       | 46          | 0.368               | 21629    | 7745        | 0.358               |
| 261   | 838     | 1221   | 64049 | <a href="#">Rogério Souza</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">SaoPaulo</a><br>Pulmonary Circulation   Pulmonary Hypertension   | 49      | 33          | 0.673               | 118       | 81          | 0.686               | 21365    | 9434        | 0.442               |
| 262   | 839     | 1227   | 64429 | <a href="#">Julio Marcos Filho</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Seed Technology  | 49      | 23          | 0.469               | 145       | 53          | 0.366               | 13656    | 3975        | 0.291               |
| 1   | 840     | 1230   | 64623 | <a href="#">Estélio Henrique Martin Dantas</a>       |  Brazil   | <a href="#">Universidade Tiradentes UNIT</a>                         | <a href="#">Tiradentes/Univ.Est.RioJaneiro(UNIRIO)</a><br>Treinamento Esportivo - Fisiologia do Exercício - Gerontologia                                       | 49      | 30          | 0.612               | 239       | 99          | 0.414               | 12351    | 4187        | 0.339               |
| 40  | 841     | 1232   | 64641 | <a href="#">Leonardo Nimrichter</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>               | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   | 49      | 33          | 0.673               | 95        | 84          | 0.884               | 12231    | 8950        | 0.732               |
| 1   | 842     | 1233   | 64644 | <a href="#">Antonio Flavio Barbosa Moreira</a>       |  Brazil   | <a href="#">Universidade Católica de Petrópolis</a>                  | <a href="#">Education / Education</a><br>Currículo   | 49      | 28          | 0.571               | 87        | 61          | 0.701               | 12216    | 3775        | 0.309               |
| 263   | 843     | 1234   | 64652 | <a href="#">Carla Rosenberg</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        |  | 49      | 24          | 0.490               | 141       | 70          | 0.496               | 12166    | 3325        | 0.273               |
| 41  | 844     | 1235   | 64658 | <a href="#">Flavio Anastacio De Oliveira Camargo</a> |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia do solo   Ciência do Solo   Ciência Forense   Ciências Ambientais   Biorremediação | 49      | 36          | 0.735               | 133       | 99          | 0.744               | 12146    | 5249        | 0.432               |
| 4   | 845     | 1236   | 64738 | <a href="#">Ary Serpa Neto</a>                       |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                   | <a href="#">Medical and Health Sciences / Intensive Care</a><br>Critical Care Medicine   | 49      | 45          | 0.918               | 153       | 138         | 0.902               | 11836    | 9383        | 0.793               |
| 73  | 846     | 1238   | 64861 | <a href="#">Carmino Antonio De Souza</a>             |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">MedicinUniversidCampinasBrasil</a><br>onco hematologia e transplante de medula óssea   | 49      | 29          | 0.592               | 155       | 72          | 0.465               | 11221    | 3644        | 0.325               |
| 13  | 847     | 1239   | 64889 | <a href="#">Victor Dodonov</a>                       |  Brazil | <a href="#">Universidade de Brasília UNB</a>                         | <a href="#">Natural Sciences / Physics</a><br>Quantum Physics   Cavity Electrodynamics   | 49      | 20          | 0.408               | 176       | 60          | 0.341               | 11147    | 2401        | 0.215               |






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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 264   | 848     | 1240   | 64939 | <a href="#">Joao Paulo Maia De Oliveira</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">RioGrNorte</a><br>schizophrenia/depression/translational research   | 49      | 35          | 0.714               | 143       | 82          | 0.573               | 10988    | 6150        | 0.560               |
| 10  | 849     | 1241   | 64953 | <a href="#">Luiz Eduardo S Oliveira</a>        |  Brazil   | <a href="#">Universidade Federal do Paraná</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Pattern Recognition   Machine Learning   Image Processing                                  | 49      | 36          | 0.735               | 143       | 104         | 0.727               | 10949    | 7376        | 0.674               |
| 265   | 850     | 1243   | 64969 | <a href="#">Marcello D Bronstein</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Neuroscience</a><br>endocrino   neuroendocrinologia   | 49      | 32          | 0.653               | 133       | 87          | 0.654               | 10895    | 5031        | 0.462               |
| 9   | 851     | 1244   | 64976 | <a href="#">Mariangela Freitas Da Silveira</a> |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>     | <a href="#">Medicina UniversidPelotas</a><br>Saude reprodutiva   saude materna e infantil   DST   Aids  | 49      | 39          | 0.796               | 141       | 124         | 0.879               | 10870    | 7243        | 0.666               |
| 15  | 852     | 1245   | 64979 | <a href="#">Acelino Couto Alfenas</a>          |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>        | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Forest Pathology and Plant Breeding for Disease Resistance   | 49      | 28          | 0.571               | 195       | 101         | 0.518               | 10863    | 4004        | 0.369               |
| 266   | 853     | 1246   | 65059 | <a href="#">Vanderley M John</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | Construction   Cement and Concrete   Building Materials   Sustainable Construction  | 49      | 32          | 0.653               | 151       | 94          | 0.623               | 10618    | 5813        | 0.547               |
| 267   | 854     | 1248   | 65079 | <a href="#">Eduardo Antonio Donadi</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Immunology</a><br>imunologia  | 49      | 33          | 0.673               | 262       | 139         | 0.531               | 10577    | 4367        | 0.413               |
| 43  | 855     | 1250   | 65154 | <a href="#">Ronald Dickman</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Natural Sciences / Physics</a><br>Statistical Physics   Thermodynamics   Stochastic Processes   Neuroscience                                      | 49      | 17          | 0.347               | 134       | 42          | 0.313               | 10415    | 1671        | 0.160               |
| 41  | 856     | 1251   | 65175 | <a href="#">Bluma G Soares</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros   | 49      | 30          | 0.612               | 243       | 139         | 0.572               | 10368    | 4184        | 0.404               |
| 1   | 857     | 1253   | 65261 | <a href="#">Electo Eduardo Silva Lora</a>      |  Brazil | <a href="#">Universidade Federal de Itajubá UNIFEI</a>    | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>bioenergia   ACV   geração termelétrica  | 49      | 39          | 0.796               | 142       | 94          | 0.662               | 10145    | 5497        | 0.542               |
| 74  | 858     | 1254   | 65311 | <a href="#">Anete Pereira De Souza</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant genetics   molecular breeding   plant genomics   protein expression   population genetics | 49      | 31          | 0.633               | 198       | 125         | 0.631               | 10038    | 4020        | 0.400               |
| 268   | 859     | 1255   | 65316 | <a href="#">Joao Pereira Leite</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia   neurociencia   epilepsia  | 49      | 27          | 0.551               | 147       | 90          | 0.612               | 10028    | 3169        | 0.316               |
| 269   | 860     | 1256   | 65321 | <a href="#">Alberto José Da Silva Duarte</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunodeficiências primárias e secundárias   Diagnóstico laboratorial aplicado   vacina em HIV     | 49      | 26          | 0.531               | 223       | 105         | 0.471               | 10019    | 3558        | 0.355               |

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| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 861     | 1257   | 65408 | <a href="#">Helio Gauze Bonacorso</a>       |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 49      | 21          | 0.429               | 237       | 100         | 0.422               | 9875     | 2781        | 0.282               |
| 270   | 862     | 1258   | 65433 | <a href="#">Quina Frank</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Photochemistry   Physical Organic Chemistry..  | 49      | 25          | 0.510               | 153       | 73          | 0.477               | 9838     | 2215        | 0.225               |
| 42  | 863     | 1260   | 65485 | <a href="#">Lucia Galvão De Albuquerque</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     |  | 49      | 31          | 0.633               | 274       | 146         | 0.533               | 9753     | 4247        | 0.435               |
| 5   | 864     | 1261   | 65487 | <a href="#">Alessandro Garcia</a>           |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering  | 49      | 26          | 0.531               | 202       | 90          | 0.446               | 9752     | 2882        | 0.296               |
| 271   | 865     | 1264   | 65612 | <a href="#">Marina Nielsen</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Cromodinâmica Quântica   | 49      | 23          | 0.469               | 127       | 57          | 0.449               | 9507     | 2748        | 0.289               |
| 3   | 866     | 1265   | 65614 | <a href="#">Tania Maria De Araujo</a>       |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>             | Saúde do trabalhador   saúde mental   epidemiologia   estresse ocupacional   trabalho docente e saúde  | 49      | 35          | 0.714               | 144       | 111         | 0.771               | 9503     | 4314        | 0.454               |
| 272   | 867     | 1268   | 65737 | <a href="#">Holmer Savastano Junior</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>materials   civil construction   rural construction   fiber   cement | 49      | 38          | 0.776               | 159       | 120         | 0.755               | 9327     | 4795        | 0.514               |
| 9   | 868     | 1269   | 65756 | <a href="#">Alcides Sial</a>                |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Petrology   isotope geology   stable isotopes  | 49      | 30          | 0.612               | 175       | 107         | 0.611               | 9299     | 3930        | 0.423               |
| 1   | 869     | 1270   | 65764 | <a href="#">Mauricio L Nogueira</a>         |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>      | <a href="#">Medical and Health Sciences / Virology</a><br>virologia  | 49      | 34          | 0.694               | 136       | 123         | 0.904               | 9279     | 7330        | 0.790               |
| 273   | 870     | 1272   | 65807 | <a href="#">Marcia Martins Marques</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>photobiomodulation therapy   stem cells   cytotoxicity  | 49      | 32          | 0.653               | 140       | 100         | 0.714               | 9206     | 3485        | 0.379               |
| 274   | 871     | 1273   | 65824 | <a href="#">Raul Maranhão</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Medical Biochemistry</a><br>Lipids   Atherosclerosis   Nanomedicine  | 49      | 25          | 0.510               | 161       | 77          | 0.478               | 9175     | 3502        | 0.382               |
| 275   | 872     | 1274   | 65852 | <a href="#">Francisco Garcia Soriano</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Clínica Médica</a><br>sepsis   inflamação   tolerância LPS   epigenética   estresse oxidativo  | 49      | 25          | 0.510               | 112       | 69          | 0.616               | 9145     | 2133        | 0.233               |

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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 75  | 873     | 1275   | 65896 | <a href="#">Anderson Rocha</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Machine Learning   Reasoning for Complex Data   Digital Forensics | 49      | 38          | 0.776               | 147       | 105         | 0.714               | 9082     | 6173        | 0.680               |
| 42  | 874     | 1276   | 65956 | <a href="#">Lucianne Cople Maia</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Dentistry</a><br>ODONTOPEDIATRIA   | 49      | 40          | 0.816               | 209       | 169         | 0.809               | 8992     | 5950        | 0.662               |
| 1   | 875     | 1278   | 66014 | <a href="#">Tobias Frederico</a><br> |  Brazil   | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>        | <a href="#">Natural Sciences / Physics</a><br>Few-body problems   cold atoms   light-front   hadrons   QCD   | 49      | 23          | 0.469               | 179       | 82          | 0.458               | 8897     | 3043        | 0.342               |
| 76  | 876     | 1279   | 66042 | <a href="#">Antonio Carlos Pereira</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>public health   epidemiology   community dentistry  | 49      | 30          | 0.612               | 203       | 117         | 0.576               | 8852     | 3595        | 0.406               |
| 5   | 877     | 1281   | 66096 | <a href="#">Paulo Mattos</a>  |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   Neuropsychology   Cognition   ADHD   Dementia   | 49      | 29          | 0.592               | 128       | 86          | 0.672               | 8769     | 4735        | 0.540               |
| 3   | 878     | 1282   | 66150 | <a href="#">Edilson Serpeloni Cyrino</a>  |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">MetabolismNutritionExerciseLaboratory</a><br>Physical Activity   Resistance Training   Body Composition   Fitness   Sports Nutrition               | 49      | 38          | 0.776               | 205       | 156         | 0.761               | 8684     | 5321        | 0.613               |
| 276   | 879     | 1283   | 66185 | <a href="#">Elisabete M De Gouveia Dal Pino</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Plasma Astrophysics   Numerical Astrophysics   High Energy Astrophysics   Magnetohydrodynamics                   | 49      | 29          | 0.592               | 125       | 69          | 0.552               | 8635     | 3476        | 0.403               |
| 77  | 880     | 1284   | 66206 | <a href="#">Gonçalo Pereira</a>   |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica   Fitopatologia   Energia Renovável   Fermentações                             | 49      | 30          | 0.612               | 129       | 84          | 0.651               | 8597     | 3163        | 0.368               |
| 44  | 881     | 1286   | 66250 | <a href="#">Erna Geessien Kroon</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Microbiology</a><br>virologia   biologia molecular de vírus  | 49      | 30          | 0.612               | 204       | 132         | 0.647               | 8533     | 3986        | 0.467               |
| 277   | 882     | 1287   | 66266 | <a href="#">Sonia Regina Loureiro</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UNIVERSIDADE DE SÃO PAULO</a><br>escalas   validade   crianças   ansiedade social  | 49      | 30          | 0.612               | 152       | 95          | 0.625               | 8510     | 3997        | 0.470               |
| 42  | 883     | 1288   | 66291 | <a href="#">Yan Levin</a>   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>electrolytes   polyelectrolytes   colloids   gravitational systems   vortex dynamics                             | 49      | 24          | 0.490               | 135       | 67          | 0.496               | 8481     | 2324        | 0.274               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 43  | 884     | 1289   | 66310 | <a href="#">Marcelo Goiato</a>                               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese dentária   Implantologia   Materiais Dentários   | 49    | 33          | 0.673               | 208   | 137         | 0.659               | 8455  | 4477        | 0.530               |
| 278   | 885     | 1291   | 66394 | <a href="#">Koiti Araki</a>                                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanoparticles   Nanomaterials & Composites   Supramolecular Coordination Chemistry   Electrochemistry & Electrocatalysis | 49    | 26          | 0.531               | 196   | 110         | 0.561               | 8358  | 3084        | 0.369               |
| 45  | 886     | 1292   | 66395 | <a href="#">Leandro Malloy Diniz Leandro F. Malloy-Diniz</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Social Sciences / Psychology</a><br>Neuropsychology   Psychology   Mental Health   Neurosciences  | 49    | 34          | 0.694               | 157   | 117         | 0.745               | 8358  | 4314        | 0.516               |
| 44  | 887     | 1294   | 66442 | <a href="#">Mario Sergio Palma</a>                           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacology and Toxicology</a><br>Toxinology   Honeybee behavior metabolism   orb-webs chemistry   mass spectrometry of proteins and peptides                  | 49    | 27          | 0.551               | 186   | 110         | 0.591               | 8301  | 3137        | 0.378               |
| 279   | 888     | 1296   | 66476 | <a href="#">Omar A El Seoud</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Natural polymer chemistry- Colloid Chemistry  | 49    | 27          | 0.551               | 177   | 84          | 0.475               | 8241  | 2792        | 0.339               |
| 15  | 889     | 1297   | 66489 | <a href="#">Marise Lazaretti Castro</a>                      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   Bone and Mineral Diseases   | 49    | 30          | 0.612               | 132   | 87          | 0.659               | 8220  | 4342        | 0.528               |
| 10  | 890     | 1299   | 66525 | <a href="#">Ines Dourado</a>                                 |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   HIV/AIDS   saude coletiva   | 49    | 33          | 0.673               | 119   | 78          | 0.655               | 8165  | 3957        | 0.485               |
| 5   | 891     | 1300   | 66571 | <a href="#">Jeronimo Selma Mb</a>                            |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Infectious diseases   leishmaniasis   leprosy   pre eclampsia   | 49    | 28          | 0.571               | 108   | 75          | 0.694               | 8092  | 3043        | 0.376               |
| 15  | 892     | 1301   | 66579 | <a href="#">Joaquim AG Silveira</a>                          |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Abiotic Stress   Photosynthesis   Redox Metabolism  | 49    | 34          | 0.694               | 130   | 94          | 0.723               | 8083  | 3778        | 0.467               |
| 280   | 893     | 1302   | 66602 | <a href="#">Frida Marina Fischer</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Saúde AmbientalSaúde PúblicaSaúde do Trabalhador</a><br>saúde do trabalhador   saúde ocupacional   ergonomia   cronobiologia humana   | 49    | 27          | 0.551               | 157   | 81          | 0.516               | 8045  | 2804        | 0.349               |
| 18  | 894     | 1304   | 66635 | <a href="#">Miguel Pedro Guerra</a>                          |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Physiology   genetics and biochemistry  | 49    | 28          | 0.571               | 182   | 96          | 0.527               | 7999  | 3075        | 0.384               |
| 281   | 895     | 1306   | 66662 | <a href="#">Marcelo Saldanha Aoki</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Artes e HumanidadesSaúde do Trabalhador</a><br>Fisiologia do Exercício   Treinamento Esportivo   Nutrição Esportiva   | 49    | 35          | 0.714               | 138   | 110         | 0.797               | 7955  | 4093        | 0.515               |



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| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 78  | 896     | 1307   | 66667 | <a href="#">Aarão Mendes Pinto Neto</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>    | <a href="#">TocoginecologiMédicasaê!</a><br>Medicina   | 49      | 25          | 0.510               | 160       | 84          | 0.525               | 7950     | 2674        | 0.336               |
| 46  | 897     | 1308   | 66713 | <a href="#">Mark Drew Crosland Guimarães</a>    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia/Saúde Pública/HIV/Aids                                 | 49      | 30          | 0.612               | 138       | 83          | 0.601               | 7889     | 3833        | 0.486               |
| 16  | 898     | 1309   | 66715 | <a href="#">Rilene Ferreira Diniz Valadares</a> |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>           | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição de ruminantes  | 49      | 17          | 0.347               | 147       | 39          | 0.265               | 7882     | 1752        | 0.222               |
| 14  | 899     | 1310   | 66718 | <a href="#">Cássio Antonio Tormena</a>          |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>             | <a href="#">Natural Sciences / Physics</a><br>Física do solo   manejo do solo   qualidade do solo   sistemas de produção.                            | 49      | 27          | 0.551               | 140       | 86          | 0.614               | 7879     | 3013        | 0.382               |
| 1   | 900     | 1311   | 66772 | <a href="#">Fernando Flecha Alkmim</a>          |  Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>      | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geologia   geologia estrutural   tectônica   geotectônica   geologia regional       | 49      | 37          | 0.755               | 93        | 76          | 0.817               | 7800     | 3945        | 0.506               |
| 79  | 901     | 1312   | 66773 | <a href="#">Helena Teixeira Godoy</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>    | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>análise de alimentos   desenvolvimento de métodos   química analítica | 49      | 35          | 0.714               | 143       | 100         | 0.699               | 7797     | 4113        | 0.528               |
| 282   | 902     | 1313   | 66777 | <a href="#">Liane Marcia Rossi</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry  | 49      | 32          | 0.653               | 117       | 97          | 0.829               | 7792     | 3513        | 0.451               |
| 1   | 903     | 1315   | 66799 | <a href="#">Claudio T De Souza</a>              |  Brazil  | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>    | <a href="#">ClínicaMédicaUniversidJuizFora</a><br>metabolismo  | 49      | 32          | 0.653               | 99        | 85          | 0.859               | 7765     | 3376        | 0.435               |
| 16  | 904     | 1316   | 66861 | <a href="#">Renato A Mortara</a>                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>    | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Cell Biology   Microscopy   | 49      | 24          | 0.490               | 165       | 87          | 0.527               | 7671     | 2319        | 0.302               |
| 1   | 905     | 1317   | 66912 | <a href="#">Fabricia Petronilho</a>             |  Brazil | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a> | <a href="#">Saúde</a><br>sepsis   neuroinflamação  | 49      | 35          | 0.714               | 158       | 119         | 0.753               | 7615     | 3936        | 0.517               |
| 17  | 906     | 1318   | 66984 | <a href="#">Solange Nappo</a>                   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>    | <a href="#">Natural Sciences / Biological Science</a><br>drogas   dependência de drogas   consumo de medicamentos   uso irracional de medicamentos   | 49      | 24          | 0.490               | 92        | 48          | 0.522               | 7504     | 1656        | 0.221               |
| 11  | 907     | 1319   | 67009 | <a href="#">Felix Sharipov</a>                  |  Brazil | <a href="#">Universidade Federal do Paraná</a>               | rarefied gas dynamics   kinetic theory   | 49      | 25          | 0.510               | 122       | 84          | 0.689               | 7461     | 2318        | 0.311               |





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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 283   | 908     | 1320   | 67067 | <a href="#">Alex Florindo</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Atividade Física e Saúde   Epidemiologia                 | 49      | 30          | 0.612               | 118       | 87          | 0.737               | 7358     | 3214        | 0.437               |
| 284   | 909     | 1322   | 67134 | <a href="#">Antonio Augusto Franco Garcia</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">LuizQueirozAgric.GeneticsUniv.</a><br>Statistical Genetics   Quantitative Genetics   Plant Breeding   Genetics   QTL mapping | 49      | 32          | 0.653               | 98        | 85          | 0.867               | 7241     | 3395        | 0.469               |
| 80  | 910     | 1325   | 67234 | <a href="#">Gaviao M</a>                          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ciências da Saúde   | 49      | 30          | 0.612               | 115       | 97          | 0.843               | 7006     | 2936        | 0.419               |
| 285   | 911     | 1326   | 67235 | <a href="#">Elaine Del Bel</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Physiology</a><br>movement disorders   | 49      | 31          | 0.633               | 138       | 78          | 0.565               | 7004     | 3159        | 0.451               |
| 286   | 912     | 1327   | 67236 | <a href="#">Maria Vitória Lopes Badra Bentley</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">UniversidSão Paulo</a><br>Nanotecnologia   | 49      | 28          | 0.571               | 111       | 82          | 0.739               | 7003     | 2593        | 0.370               |
| 287   | 913     | 1329   | 67281 | <a href="#">Roger Chammas</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>Oncologia Experimental   | 49      | 27          | 0.551               | 165       | 99          | 0.600               | 6885     | 2862        | 0.416               |
| 35  | 914     | 1330   | 67339 | <a href="#">Wayner Vieira De Souza</a>            |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Biostatistics                             | 49      | 30          | 0.612               | 114       | 82          | 0.719               | 6667     | 3084        | 0.463               |
| 81  | 915     | 1331   | 67381 | <a href="#">Sergio Roberto Peres Line</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> |  | 49      | 25          | 0.510               | 102       | 60          | 0.588               | 6469     | 1958        | 0.303               |
| 15  | 916     | 1334   | 67716 | <a href="#">Mauricio Guimaraes Araujo</a>         |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   implantodontia   biologia óssea                                 | 48      | 35          | 0.729               | 71        | 58          | 0.817               | 16320    | 7851        | 0.481               |
| 288   | 917     | 1335   | 67784 | <a href="#">Brucki S</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">HospitalSantMarcelina</a><br>dementia   cognition   education   alzheimer's disease   mild cognitive impairment              | 48      | 36          | 0.750               | 142       | 110         | 0.775               | 15254    | 7183        | 0.471               |
| 11  | 918     | 1337   | 67908 | <a href="#">André Lemos</a>                       |  Brazil | <a href="#">Universidade Federal da Bahia</a>             | <a href="#">TutularComunicaãSãoUFBA</a><br>Comunicação   Sociologia   Cultura Digital  | 48      | 28          | 0.583               | 88        | 65          | 0.739               | 13733    | 4462        | 0.325               |
| 10  | 919     | 1338   | 67912 | <a href="#">Antonio Costa De Oliveira</a>         |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>     | <a href="#">UniversidPelotas - UFPel</a><br>Plant Biology  | 48      | 34          | 0.708               | 195       | 113         | 0.579               | 13680    | 6102        | 0.446               |
| 289   | 920     | 1341   | 68076 | <a href="#">Elias Ayres Guidetti Zagatto</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Pathology</a><br>analytical chemistry   flow analysis  | 48      | 15          | 0.313               | 171       | 30          | 0.175               | 12363    | 1120        | 0.091               |
| 290   | 921     | 1342   | 68138 | <a href="#">Antonio Guimaraes</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Social Sciences / Sociology</a><br>Relações raciais   classes sociais   identidades sociais                                  | 48      | 26          | 0.542               | 137       | 73          | 0.533               | 11960    | 4246        | 0.355               |

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| University  | Country | Region | World | Name                                     | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 17  | 922     | 1343   | 68272 | <a href="#">Marcelo Coutinho Picanço</a> |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomology   Integrated Pest Management   Biological Control   Ecotoxicology   Ecology  | 48      | 34          | 0.708               | 277       | 153         | 0.552               | 11377    | 4860        | 0.427               |
| 82  | 923     | 1344   | 68292 | <a href="#">Marcio Pochmann</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia  | 48      | 28          | 0.583               | 141       | 61          | 0.433               | 11294    | 2867        | 0.254               |
| 291   | 924     | 1349   | 68417 | <a href="#">Thiago De Santana Santos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral and Maxillofacial Surgery   Dental Implants   | 48      | 36          | 0.750               | 175       | 121         | 0.691               | 10819    | 6613        | 0.611               |
| 45  | 925     | 1350   | 68453 | <a href="#">Fernandes Jbk</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>NUTRIÇÃO DE PEIXES  | 48      | 28          | 0.583               | 299       | 145         | 0.485               | 10685    | 4489        | 0.420               |
| 2   | 926     | 1352   | 68600 | <a href="#">Ilya Shapiro</a>             |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>              | <a href="#">Natural Sciences / Physics</a><br>quantum gravity   cosmology   quantum fields  | 48      | 27          | 0.563               | 164       | 85          | 0.518               | 10270    | 3252        | 0.317               |
| 292   | 927     | 1354   | 68630 | <a href="#">Wilson Teixeira</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   Geotectônica   Geocronologia  | 48      | 33          | 0.688               | 161       | 80          | 0.497               | 10204    | 3510        | 0.344               |
| 293   | 928     | 1355   | 68649 | <a href="#">Klaus Reichardt</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Sistema solo-planta-atmosfera   | 48      | 27          | 0.563               | 191       | 73          | 0.382               | 10160    | 2717        | 0.267               |
| 294   | 929     | 1356   | 68699 | <a href="#">José Antunes Rodrigues</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia de órgãos e sistemas - Neuroendocrinologia                                       | 48      | 21          | 0.438               | 240       | 80          | 0.333               | 10035    | 2371        | 0.236               |
| 295   | 930     | 1360   | 68821 | <a href="#">Rodolfo Hoffmann</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">aposentESALO/PeIE/Unicamp</a><br>Distribuição da renda no Brasil   medidas de desigualdade   econometria   Sraffa                           | 48      | 26          | 0.542               | 143       | 63          | 0.441               | 9764     | 2544        | 0.261               |
| 10  | 931     | 1363   | 68859 | <a href="#">Antonio Ponce De Leon</a>    |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Biostatistics   Medical Statistics   Mixed Effects Models   Time Series   Optimal Design | 48      | 31          | 0.646               | 96        | 74          | 0.771               | 9697     | 3755        | 0.387               |
| 296   | 932     | 1364   | 68872 | <a href="#">Pio Colepicolo</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica  | 48      | 27          | 0.563               | 147       | 96          | 0.653               | 9670     | 3754        | 0.388               |
| 43  | 933     | 1365   | 68888 | <a href="#">Lucy Seldin</a>              |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   ecologia molecular microbiana   taxonomia de formadores de esporos        | 48      | 27          | 0.563               | 124       | 75          | 0.605               | 9636     | 4333        | 0.450               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 934     | 1366   | 68904 | <a href="#">Rodrigo Alvaro Brandão Lopes Martins</a> |  Brazil   | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>          | <a href="#">oVal</a><br>Fotobiomodulação e farmacologia   | 48      | 34          | 0.708               | 95        | 77          | 0.811               | 9613     | 3791        | 0.394               |
| 47  | 935     | 1367   | 69005 | <a href="#">Luci Fuscaldi Teixeira Salmela</a>       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Physical therapy   rehabilitation   stroke   | 48      | 34          | 0.708               | 171       | 127         | 0.743               | 9448     | 4518        | 0.478               |
| 44  | 936     | 1368   | 69075 | <a href="#">Carlos Alberto Manssour Fraga</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Medicinal   Fármacos   Farmacologia   | 48      | 27          | 0.563               | 163       | 83          | 0.509               | 9325     | 3908        | 0.419               |
| 297   | 937     | 1369   | 69083 | <a href="#">Elcio Abdalla</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>physics   | 48      | 27          | 0.563               | 142       | 69          | 0.486               | 9318     | 2905        | 0.312               |
| 298   | 938     | 1371   | 69151 | <a href="#">Durval Dourado Neto</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   | 48      | 25          | 0.521               | 159       | 73          | 0.459               | 9201     | 2920        | 0.317               |
| 36  | 939     | 1372   | 69226 | <a href="#">Luiz A Anjos, Luiz Antonio Dos Anjos</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Professor de Nutrição, Universidade Federal Fluminense</a><br>Nutrição   Atividade Física   Epidemiologia   Saúde Pública                                   | 48      | 25          | 0.521               | 129       | 65          | 0.504               | 9073     | 2804        | 0.309               |
| 299   | 940     | 1374   | 69264 | <a href="#">Anna S Levin</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia da infecção relacionada a assistência à saúde e resistência microbiana    | 48      | 28          | 0.583               | 139       | 95          | 0.683               | 9025     | 3665        | 0.406               |
| 43  | 941     | 1375   | 69268 | <a href="#">Sandro C Amico</a>                       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Compósitos   composite materials                                  | 48      | 37          | 0.771               | 162       | 134         | 0.827               | 9021     | 5378        | 0.596               |
| 18  | 942     | 1376   | 69297 | <a href="#">Nestor Schor</a>                         |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia Clínica   Litiase Renal   Infecção Urinária   Fisiopatologia   Biologia Celular                  | 48      | 22          | 0.458               | 167       | 69          | 0.413               | 8989     | 2316        | 0.258               |
| 300   | 943     | 1377   | 69309 | <a href="#">Fernando Morgan De Aguiar Corrêa</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neuropharmacology   | 48      | 21          | 0.438               | 188       | 57          | 0.303               | 8966     | 1919        | 0.214               |
| 14  | 944     | 1379   | 69356 | <a href="#">Margareth Linde Athayde</a>              |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | phytochemistry   Natural Products   | 48      | 35          | 0.729               | 196       | 144         | 0.735               | 8890     | 4849        | 0.545               |
| 18  | 945     | 1380   | 69385 | <a href="#">Julio Neves</a>                          |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Solos Florestais   Nutrição Florestal   Diagnose Nutricional   Modelagem   Fertilidade do Solo | 48      | 23          | 0.479               | 184       | 93          | 0.505               | 8862     | 3083        | 0.348               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 946     | 1381   | 69389 | <a href="#">Sandro L Bonatto</a>                     |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">sPUCRS</a><br>Evolution   evolutionary genomics   molecular ecology   phylogeny   conservation genetics  | 48      | 29          | 0.604               | 122       | 81          | 0.664               | 8854     | 2796        | 0.316               |
| 301   | 947     | 1382   | 69403 | <a href="#">Charles Mady</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiology   | 48      | 23          | 0.479               | 185       | 63          | 0.341               | 8829     | 2415        | 0.274               |
| 302   | 948     | 1383   | 69434 | <a href="#">Wellington P Martins</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Reproductive Medicine   Ultrasound in Obstetrics and Gynecology   Evidence-Based Medicine | 48      | 34          | 0.708               | 180       | 124         | 0.689               | 8753     | 5126        | 0.586               |
| 11  | 949     | 1384   | 69446 | <a href="#">Rafael R Moraes</a>                      |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Dental Materials  | 48      | 39          | 0.813               | 129       | 104         | 0.806               | 8737     | 5560        | 0.636               |
| 16  | 950     | 1385   | 69453 | <a href="#">Rosangela Bergamasco</a>                 |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Maringá</a><br>tratamento de agua  | 48      | 42          | 0.875               | 190       | 151         | 0.795               | 8728     | 6657        | 0.763               |
| 303   | 951     | 1386   | 69498 | <a href="#">Moises Goldbaum</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 48      | 30          | 0.625               | 136       | 86          | 0.632               | 8678     | 3307        | 0.381               |
| 6   | 952     | 1387   | 69562 | <a href="#">D Bazeia</a>                             |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPPB</a>                       | <a href="#">UFPPB</a><br>Field Theory  | 48      | 28          | 0.583               | 194       | 123         | 0.634               | 8583     | 3453        | 0.402               |
| 5   | 953     | 1388   | 69564 | <a href="#">Mary Sandra Carlotto</a>                 |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>              | Psicologia da Saúde Ocupacional  | 48      | 36          | 0.750               | 126       | 103         | 0.817               | 8581     | 4209        | 0.491               |
| 44  | 954     | 1389   | 69594 | <a href="#">Rogerio Margis</a>                       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Molecular Biology   microRNAs   circRNAs   gene expression   abiotic stress                      | 48      | 32          | 0.667               | 123       | 86          | 0.699               | 8540     | 3960        | 0.464               |
| 1   | 955     | 1390   | 69599 | <a href="#">Emmanuel João Nogueira Leal Da Silva</a> |  Brazil | <a href="#">Universidade do Grande Rio UNIGRANRIO</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 48      | 46          | 0.958               | 187       | 161         | 0.861               | 8537     | 6640        | 0.778               |
| 304   | 956     | 1391   | 69611 | <a href="#">Geraldo Duarte</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Ginecologia e Obstetrícia   | 48      | 26          | 0.542               | 192       | 91          | 0.474               | 8525     | 3306        | 0.388               |


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|---|---------|--------|-------|--|---|--|---|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country   | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 1   | 957     | 1392   | 69633 | <a href="#">Airton Tetelbom Stein</a><br>         | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology   family practice   public health.         | 48    | 34          | 0.708               | 142   | 92          | 0.648               | 8497  | 4058        | 0.478               |
| 8   | 958     | 1393   | 69681 | <a href="#">Richard C. Vogt</a>  | <br><a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>zoology   herpetology  | 48    | 27          | 0.563               | 113   | 69          | 0.611               | 8442  | 3079        | 0.365               |
| 305   | 959     | 1394   | 69697 | <a href="#">Celio Lopes Silva</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Biotechnology  | 48    | 17          | 0.354               | 169   | 49          | 0.290               | 8416  | 1460        | 0.173               |
| 19  | 960     | 1395   | 69722 | <a href="#">Daniel Ribeiro</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Adjunt</a><br>cancer  | 48    | 27          | 0.563               | 213   | 126         | 0.592               | 8387  | 3676        | 0.438               |
| 3   | 961     | 1396   | 69744 | <a href="#">Gislaine Zilli Reus</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>                    | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Neurociências   Psiquiatria   | 48    | 36          | 0.750               | 118   | 102         | 0.864               | 8355  | 4415        | 0.528               |
| 37  | 962     | 1398   | 69776 | <a href="#">Ana Maria Jansen</a>   | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Pesquisador Titular Instituto Oswaldo Cruz Fundação Oswaldo Cruz</a><br>parasitologia                                       | 48    | 30          | 0.625               | 149   | 105         | 0.705               | 8308  | 3654        | 0.440               |
| 1   | 963     | 1400   | 69798 | <a href="#">José Carlos Tavares Carvalho</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Amapa UNIFAP</a>                             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>pharmacology natural products and pharmacognosy | 48    | 31          | 0.646               | 184   | 125         | 0.679               | 8272  | 4177        | 0.505               |
| 1   | 964     | 1401   | 69858 | <a href="#">Ricardo Primi</a><br>               | <br><a href="#">Brazil</a> | <a href="#">Universidade São Francisco</a>                                       | <a href="#">Social Sciences / Psychology</a><br>psychological assessment psychometrics  | 48    | 28          | 0.583               | 145   | 83          | 0.572               | 8191  | 3123        | 0.381               |
| 306   | 965     | 1403   | 69960 | <a href="#">Aldo Craievich</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Física   SAXS   XRD   | 48    | 18          | 0.375               | 155   | 38          | 0.245               | 8072  | 1773        | 0.220               |
| 307   | 966     | 1404   | 70001 | <a href="#">José Roberto Pereira Lauris</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a>   | 48    | 28          | 0.583               | 183   | 105         | 0.574               | 8024  | 3242        | 0.404               |
| 83  | 967     | 1405   | 70004 | <a href="#">Everardo Magalhaes Carneiro</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   | 48    | 30          | 0.625               | 180   | 101         | 0.561               | 8013  | 3223        | 0.402               |
| 45  | 968     | 1406   | 70015 | <a href="#">Gilberto Kac</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Epidemiologia   Saúde Mental   biomarcadores        | 48    | 31          | 0.646               | 149   | 103         | 0.691               | 8002  | 3311        | 0.414               |


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|---|---------|--------|-------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 84  | 969     | 1407   | 70030 | <a href="#">Fernando Galembeck</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Materials chemistry   electrostatics.  | 48      | 23          | 0.479               | 191       | 51          | 0.267               | 7986     | 2249        | 0.282               |
| 3   | 970     | 1408   | 70074 | <a href="#">Maria Saete Bessa Jorge</a>      |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                         | <a href="#">UECE</a><br>Saúde   Saúde Coletiva   Enfermagem   Saúde Mental   | 48      | 28          | 0.583               | 172       | 92          | 0.535               | 7914     | 3033        | 0.383               |
| 85  | 971     | 1410   | 70115 | <a href="#">Evely Boruchovitch</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Education / Educational Psychology</a><br>Educational Psychology   motivation   metacognition   self-regulated learning          | 48      | 29          | 0.604               | 127       | 87          | 0.685               | 7868     | 3124        | 0.397               |
| 6   | 972     | 1411   | 70136 | <a href="#">Farinaldo Queiroz</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Natural Sciences / Physics</a><br>Dark Matter  | 48      | 39          | 0.813               | 100       | 92          | 0.920               | 7832     | 5513        | 0.704               |
| 86  | 973     | 1412   | 70141 | <a href="#">Paulo Mazzafera</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>metabolismo secundario em plantas  | 48      | 27          | 0.563               | 108       | 64          | 0.593               | 7824     | 2572        | 0.329               |
| 20  | 974     | 1414   | 70264 | <a href="#">Nobuko Yoshida</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   Parasitologia                                      | 48      | 23          | 0.479               | 97        | 52          | 0.536               | 7676     | 1580        | 0.206               |
| 308   | 975     | 1415   | 70284 | <a href="#">Dulcinéia Saes Parra Abdalla</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Farmácia   Bioquímica Clínica  | 48      | 22          | 0.458               | 134       | 59          | 0.440               | 7653     | 2059        | 0.269               |
| 87  | 976     | 1416   | 70348 | <a href="#">Simone Appenzeller</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Neuroimaging   SLE   rheumatology   pediatric rheumatology   medical education | 48      | 33          | 0.688               | 148       | 113         | 0.764               | 7585     | 4053        | 0.534               |
| 309   | 977     | 1417   | 70353 | <a href="#">Vera Paiva</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>psychosocial   HIV/AIDS prevention   human rights   sexuality and gender                     | 48      | 22          | 0.458               | 105       | 52          | 0.495               | 7579     | 1822        | 0.240               |
| 46  | 978     | 1418   | 70364 | <a href="#">Adilson Fransozo</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |  | 48      | 22          | 0.458               | 167       | 80          | 0.479               | 7569     | 2144        | 0.283               |
| 45  | 979     | 1419   | 70390 | <a href="#">Marcia Margis Pinheiro</a>       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Molecular Biology  | 48      | 33          | 0.688               | 99        | 75          | 0.758               | 7530     | 3987        | 0.529               |



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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 980     | 1420   | 70394 | <a href="#">Ademir Neves</a>                       |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Bioinorgânica   Catalise   | 48      | 22          | 0.458               | 145       | 65          | 0.448               | 7525     | 1970        | 0.262               |
| 21  | 981     | 1423   | 70404 | <a href="#">Luiz Mello</a>                         |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Sao Paulo</a><br>Neurophysiology   meditation   acupuncture   memory   neural plasticity   | 48      | 21          | 0.438               | 121       | 46          | 0.380               | 7513     | 1795        | 0.239               |
| 310   | 982     | 1424   | 70472 | <a href="#">Mari Cleide Sogayar</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Controle da proliferação   diferenciação e transformação celular.  | 48      | 30          | 0.625               | 122       | 68          | 0.557               | 7424     | 3152        | 0.425               |
| 311   | 983     | 1425   | 70497 | <a href="#">Paulo Conti</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia   | 48      | 37          | 0.771               | 128       | 104         | 0.813               | 7394     | 3920        | 0.530               |
| 48  | 984     | 1426   | 70534 | <a href="#">Fernando Oliveira Costa</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>EPIDEMIOLOGIA   PERIODONTIA   IMPLANTODONTIA  | 48      | 33          | 0.688               | 126       | 102         | 0.810               | 7339     | 3869        | 0.527               |
| 312   | 985     | 1427   | 70536 | <a href="#">Sérgio Scombatti De Souza</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a>  | 48      | 27          | 0.563               | 115       | 86          | 0.748               | 7336     | 2713        | 0.370               |
| 88  | 986     | 1428   | 70542 | <a href="#">Mário Roberto Maróstica Junior</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">UNICAMP</a><br>compostos bioativos   | 48      | 42          | 0.875               | 128       | 117         | 0.914               | 7329     | 5443        | 0.743               |
| 12  | 987     | 1429   | 70580 | <a href="#">Elessandra Da Rosa Zavareze</a>        |  Brazil  | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">UniversidPelotas</a><br>Ciência e Tecnologia de Alimentos  | 48      | 44          | 0.917               | 113       | 112         | 0.991               | 7271     | 5896        | 0.811               |
| 47  | 988     | 1430   | 70581 | <a href="#">Gener Tadeu Pereira</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Statistics</a><br>Geoestatística   Bioestatística   Simulação Espacial   Agricultura de Precisão  | 48      | 24          | 0.500               | 163       | 80          | 0.491               | 7269     | 2344        | 0.322               |
| 38  | 989     | 1432   | 70627 | <a href="#">Milton O Moraes, Milton Moraes</a>     |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>infectious diseases   genetics   molecular biology   immunology                                   | 48      | 31          | 0.646               | 120       | 93          | 0.775               | 7186     | 3141        | 0.437               |
| 89  | 990     | 1433   | 70752 | <a href="#">Florenca Cecília Menegalli</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>coberturas e filmes biodegradáveis - reologia de alimentos - secagem - aglomeração de pós | 48      | 33          | 0.688               | 86        | 61          | 0.709               | 6976     | 3365        | 0.482               |
| 313   | 991     | 1434   | 70753 | <a href="#">Elke Jurandy Bran Nogueira Cardoso</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>soil microbiology   mycorrhiza   nitrogen fixation                                     | 48      | 28          | 0.583               | 151       | 92          | 0.609               | 6971     | 3152        | 0.452               |



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|---|---------|--------|-------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 314   | 992     | 1436   | 70833 | <a href="#">Cristoforo Scavone</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>neurociências   neurofarmacologia   sinalização celular   citoproteção   neuroendócrino | 48      | 28          | 0.583               | 113       | 81          | 0.717               | 6824     | 2659        | 0.390               |
| 16  | 993     | 1438   | 70916 | <a href="#">Regina Célia Monteiro De Paula</a>       |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>polissacarídeos   nanotecnologia   liberação de fármacos                                      | 48      | 35          | 0.729               | 107       | 87          | 0.813               | 6622     | 3543        | 0.535               |
| 10  | 994     | 1439   | 70934 | <a href="#">Moisés Bauer</a>                         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | stress   neuroimmunology   aging   T cells   immunosenescence   | 48      | 29          | 0.604               | 101       | 78          | 0.772               | 6575     | 2881        | 0.438               |
| 315   | 995     | 1440   | 70935 | <a href="#">Carlos Augusto Fernandes De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia de alimentos   Micotoxicologia   Tecnologia de leite e derivados          | 48      | 33          | 0.688               | 121       | 83          | 0.686               | 6571     | 3100        | 0.472               |
| 316   | 996     | 1442   | 71012 | <a href="#">Marilia Seelaender</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medicine of São Paulo</a><br>cancer   cachexia   metabolism   inflammation   exercise as anti-inflammatory strategy                       | 48      | 31          | 0.646               | 117       | 90          | 0.769               | 6319     | 3050        | 0.483               |
| 49  | 997     | 1444   | 71048 | <a href="#">Cristiano Mauro Assis Gomes</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Social Sciences / Psychology</a><br>Psicometria   Testes   Avaliação Psicológica   Psicologia da Educação                                 | 48      | 46          | 0.958               | 142       | 138         | 0.972               | 6127     | 5445        | 0.889               |
| 1   | 998     | 1446   | 71136 | <a href="#">Francisco Rogerlândio Martins Melo</a>   |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Ceará</a> | Saúde Pública   Epidemiologia   Doenças Tropicais Negligenciadas   Saúde Global   Doenças Infecciosas e Parasitárias                                  | 47      | 43          | 0.915               | 81        | 81          | 1.000               | 40807    | 39690       | 0.973               |
| 5   | 999     | 1448   | 71214 | <a href="#">Daniel Furtado Ferreira</a>              |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Natural Sciences / Mathematics</a><br>Estatística   Estatística multivariada   Estatística computacional   Algoritmos                     | 47      | 28          | 0.596               | 127       | 69          | 0.543               | 24639    | 10677       | 0.433               |
| 1   | 1000    | 1449   | 71247 | <a href="#">Mauro Barros</a>                         |  Brazil | <a href="#">Universidade de Pernambuco</a>                                  | <a href="#">Education / Education</a><br>Educação Física  | 47      | 32          | 0.681               | 133       | 86          | 0.647               | 21288    | 16128       | 0.758               |

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|------------|---------|--------|-------|---|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13         | 1001    | 1452   | 71301 | <a href="#">Helen Gonçalves</a>                         | <br>Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">UFPEL</a><br>anthropology   | 47      | 36          | 0.766               | 171       | 135         | 0.789               | 18559    | 14492       | 0.781               |
| 317        | 1002    | 1453   | 71388 | <a href="#">Pedro Leite Da Silva Dias</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorologia   computação   clima   Meteorology   Climate Change                         | 47      | 31          | 0.660               | 129       | 66          | 0.512               | 15778    | 4308        | 0.273               |
| 10         | 1003    | 1454   | 71407 | <a href="#">Leandro Ferreira</a>                        | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 |   | 47      | 35          | 0.745               | 113       | 77          | 0.681               | 15318    | 6334        | 0.414               |
| 318        | 1004    | 1455   | 71439 | <a href="#">Fabio Biscegli Jatene</a>                   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Cardiology</a><br>revascularização do miocárdio   procedimentos cardiovasculares minimamente invasivos                                  | 47      | 25          | 0.532               | 231       | 111         | 0.481               | 14897    | 4025        | 0.270               |
| 10         | 1005    | 1457   | 71453 | <a href="#">Jose Luiz Figueiredo</a>                    | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Medical and Health Sciences / Pediatric Surgery</a><br>Pediatric Surgery - Kidney Transplantation - Endoscopy   | 47      | 30          | 0.638               | 69        | 55          | 0.797               | 14760    | 5541        | 0.375               |
| 48         | 1006    | 1458   | 71458 | <a href="#">Rômulo Araújo Fernandes</a>                 | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | Atividade física   Obesidade Infantil   Epidemiologia   | 47      | 33          | 0.702               | 189       | 137         | 0.725               | 14651    | 11460       | 0.782               |
| 14         | 1007    | 1460   | 71671 | <a href="#">Anuário Antropológico</a>                   | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   Etnografia   Sociologia   Ciências Sociais   | 47      | 28          | 0.596               | 221       | 111         | 0.502               | 12473    | 4852        | 0.389               |
| 319        | 1008    | 1464   | 71838 | <a href="#">Roberto A Zucchi</a>                        | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Taxonomia de Insetos  | 47      | 25          | 0.532               | 181       | 73          | 0.403               | 11610    | 3025        | 0.261               |
| 46         | 1009    | 1466   | 71847 | <a href="#">Helena Maria Martins Lastres</a>            | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia do desenvolvimento e políticas   arranjos e sistemas produtivos locais e nacionais   economics of innovation | 47      | 22          | 0.468               | 145       | 44          | 0.303               | 11591    | 2186        | 0.189               |
| 320        | 1010    | 1468   | 71851 | <a href="#">Jose Eli Da Veiga</a>                       | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Sustentabilidade</a><br>Desenvolvimento Sustentável   | 47      | 27          | 0.574               | 88        | 48          | 0.545               | 11578    | 3065        | 0.265               |
| 11         | 1011    | 1470   | 71865 | <a href="#">André Palmini</a>                           | <br>Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>epilepsy  | 47      | 27          | 0.574               | 102       | 62          | 0.608               | 11501    | 2895        | 0.252               |
| 321        | 1012    | 1472   | 72039 | <a href="#">José Carlos Pereira</a>                     | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Dentística   Materiais Odontológicos   | 47      | 28          | 0.596               | 166       | 80          | 0.482               | 10863    | 3712        | 0.342               |
| 322        | 1013    | 1474   | 72210 | <a href="#">Jose AF Ramires</a>                         | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   | 47      | 21          | 0.447               | 136       | 45          | 0.331               | 10240    | 2468        | 0.241               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 323   | 1014    | 1475   | 72211 | <a href="#">Margaret De Castro</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>endocrinology  | 47      | 25          | 0.532               | 188       | 87          | 0.463               | 10237    | 3184        | 0.311               |
| 19  | 1015    | 1476   | 72235 | <a href="#">Antonio Alberto Da Silva</a>                   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Interações herbicida ambiente  | 47      | 21          | 0.447               | 285       | 112         | 0.393               | 10165    | 3155        | 0.310               |
| 324   | 1016    | 1478   | 72280 | <a href="#">Marina Peduzzi</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |  | 47      | 33          | 0.702               | 99        | 69          | 0.697               | 10028    | 4606        | 0.459               |
| 1   | 1017    | 1479   | 72308 | <a href="#">Carlos Elias</a>                               |  Brazil   | <a href="#">Instituto Militar de Engenharia</a>                        | <a href="#">Instituto Militar de Engenharia</a><br>biomateriais  | 47      | 34          | 0.723               | 143       | 92          | 0.643               | 9971     | 4969        | 0.498               |
| 49  | 1018    | 1480   | 72310 | <a href="#">Cléa Adas Saliba Garbin</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a>  | 47      | 30          | 0.638               | 238       | 154         | 0.647               | 9970     | 4789        | 0.480               |
| 9   | 1019    | 1482   | 72381 | <a href="#">Charles R. Clement</a>                         |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a><br>origin cultivated plants   domestication cultivated plants   historical ecology Amazonia        | 47      | 29          | 0.617               | 185       | 91          | 0.492               | 9828     | 3951        | 0.402               |
| 325   | 1020    | 1483   | 72385 | <a href="#">Newton Ca Da Costa</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Logic   Philosophy of Science   Physics  | 47      | 22          | 0.468               | 162       | 46          | 0.284               | 9821     | 1951        | 0.199               |
| 46  | 1021    | 1484   | 72398 | <a href="#">Ana Luiza Maia</a>                             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">HospitalClinicasPortoAlegreRioGrandeSul</a><br>Thyroid hormone metabolism   Low T3 syndrome   MEN 2 syndromes   Thyroid carcinomas                 | 47      | 31          | 0.660               | 126       | 86          | 0.683               | 9790     | 4638        | 0.474               |
| 326   | 1022    | 1485   | 72428 | <a href="#">Wellington Luiz Araujo</a>                     |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Ecologia Microbiana   Biologia Molecular   | 47      | 32          | 0.681               | 109       | 75          | 0.688               | 9728     | 3839        | 0.395               |
| 11  | 1023    | 1486   | 72429 | <a href="#">George Brown</a>                               |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Earthworms   Bioindicators   Soil quality   Conservation                                    | 47      | 34          | 0.723               | 103       | 79          | 0.767               | 9723     | 4244        | 0.436               |
| 15  | 1024    | 1487   | 72440 | <a href="#">Maria Fátima Das Graças Fernandes Da Silva</a> |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química orgânica   Produtos Naturais   | 47      | 22          | 0.468               | 258       | 93          | 0.360               | 9706     | 2830        | 0.292               |
| 6   | 1025    | 1488   | 72455 | <a href="#">Amedea B Seabra</a>                            |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nitric Oxide   Nanotechnology   Biomaterials                                  | 47      | 39          | 0.830               | 120       | 103         | 0.858               | 9680     | 6540        | 0.676               |
| 11  | 1026    | 1490   | 72588 | <a href="#">Adiel Teixeira De Almeida</a>                  |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Business and Management / Business Administration</a><br>Decision Sciences   Decision Analysis   Risk Analysis   Operations Research   Maintenance | 47      | 31          | 0.660               | 195       | 107         | 0.549               | 9438     | 4295        | 0.455               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 47  | 1027    | 1491   | 72617 | <a href="#">Carlos Pérez Bergmann</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais  | 47      | 32          | 0.681               | 197       | 129         | 0.655               | 9377     | 4677        | 0.499               |
| 327   | 1028    | 1492   | 72651 | <a href="#">Juarez Lf Da Silva</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Density Functional Theory   Molecular Dynamics   Materials Science   Physics   Chemistry   | 47      | 35          | 0.745               | 128       | 107         | 0.836               | 9303     | 4245        | 0.456               |
| 48  | 1029    | 1497   | 72691 | <a href="#">Maria Cátira Bortolini</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   evolução   | 47      | 29          | 0.617               | 118       | 81          | 0.686               | 9246     | 3963        | 0.429               |
| 328   | 1030    | 1499   | 72744 | <a href="#">Bianca Zingales</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia molecular do Trypanosoma cruzi   Quimioterapia para a doença de Chagas   transportadores ABC | 47      | 21          | 0.447               | 87        | 40          | 0.460               | 9173     | 2375        | 0.259               |
| 4   | 1031    | 1500   | 72784 | <a href="#">Maria Victoria Eiras Grossmann</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Londrina</a>               | filmes biodegradáveis   alimentos funcionais   extrusão   fibras   amidos  | 47      | 39          | 0.830               | 108       | 85          | 0.787               | 9093     | 4322        | 0.475               |
| 329   | 1032    | 1501   | 72786 | <a href="#">Magda Carneiro Sampaio Or Magda</a><br><a href="#">Maria Carneiro Sampaio Or Magda</a><br><a href="#">Maria Sales Carneiro Sampaio</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Pediatría  | 47      | 27          | 0.574               | 154       | 71          | 0.461               | 9090     | 3589        | 0.395               |
| 330   | 1033    | 1502   | 72794 | <a href="#">Jose Alexandre Melo Demattê</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">São PauloAgriculture Luiz Queiroz'</a><br>Remote sensing applied to soils   soil traditional and digital mapping   soil spectroscopy   soil monitoring                         | 47      | 39          | 0.830               | 178       | 128         | 0.719               | 9072     | 5780        | 0.637               |
| 22  | 1034    | 1504   | 72807 | <a href="#">Maria Teresa Zanella</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Medicina Endocrinologia  | 47      | 23          | 0.489               | 114       | 50          | 0.439               | 9055     | 3821        | 0.422               |
| 90  | 1035    | 1505   | 72847 | <a href="#">Ana Flavia Nogueira</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>perovskite solar cells   photocatalysis   quantum dots   polymer electrolyte   organic and dye sensitised solar cells | 47      | 31          | 0.660               | 119       | 84          | 0.706               | 8997     | 4252        | 0.473               |
| 5   | 1036    | 1507   | 72907 | <a href="#">Fabio Yamashita</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos   Materiais Biodegradáveis   Biopolímeros  | 47      | 39          | 0.830               | 133       | 107         | 0.805               | 8916     | 4915        | 0.551               |
| 331   | 1037    | 1508   | 72908 | <a href="#">Claudia Forjaz</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Education / Education</a><br>educação física   | 47      | 32          | 0.681               | 139       | 92          | 0.662               | 8915     | 4018        | 0.451               |
| 1   | 1038    | 1509   | 72933 | <a href="#">Wuelton Monteiro</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade do Estado do Amazonas UEA</a>          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia de Doenças Negligenciadas  | 47      | 38          | 0.809               | 176       | 152         | 0.864               | 8893     | 7475        | 0.841               |

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| University | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 47         | 1039    | 1510   | 72941 | <a href="#">Marcia De Assunção Ferreira</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | Saude   Enfermagem   | 47      | 28          | 0.596               | 238       | 113         | 0.475               | 8879     | 3512        | 0.396               |
| 332        | 1040    | 1512   | 73066 | <a href="#">Paulo Cezar Vieira</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Natural Products Chemistry   Biological Activity   | 47      | 23          | 0.489               | 229       | 95          | 0.415               | 8708     | 2747        | 0.315               |
| 50         | 1041    | 1513   | 73137 | <a href="#">Rochel Montero Lago</a>                     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Empreendedorismo   Química Ambiental   Catalise  | 47      | 31          | 0.660               | 131       | 87          | 0.664               | 8610     | 3319        | 0.385               |
| 23         | 1042    | 1516   | 73428 | <a href="#">Tania At Gomes</a>                          |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Escherichia coli   Escherichia albertii   Patogenicidade   epidemiologia   diagnóstico   | 47      | 19          | 0.404               | 127       | 56          | 0.441               | 8218     | 2353        | 0.286               |
| 5          | 1043    | 1519   | 73519 | <a href="#">Jose Maria Monserrat</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Aquaculture Nanotoxicology Oxidative Stress Aquatic Organisms </a><br>Aquaculture   Nanotoxicology   Oxidative Stress   Aquatic Organisms          | 47      | 28          | 0.596               | 156       | 114         | 0.731               | 8101     | 3607        | 0.445               |
| 333        | 1044    | 1522   | 73683 | <a href="#">Maria Aparecida Andrade Moreira Machado</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Saúde Pública   Engenharia de Tecidos   Biologia Molecular   Biomateriais         | 47      | 30          | 0.638               | 166       | 106         | 0.639               | 7915     | 3222        | 0.407               |
| 334        | 1045    | 1525   | 73788 | <a href="#">Bernadette Dora Gombossy De Melo Franco</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>microbiologia de alimentos   | 47      | 32          | 0.681               | 103       | 74          | 0.718               | 7807     | 3539        | 0.453               |
| 335        | 1046    | 1526   | 73791 | <a href="#">Valmor Roberto Mastelaro</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física do Estado Sólido   Ciências dos Materiais   | 47      | 34          | 0.723               | 151       | 93          | 0.616               | 7804     | 3664        | 0.470               |
| 50         | 1047    | 1527   | 73798 | <a href="#">Marilza Vieira Cunha Rudge</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>saúde materno infantil   diabete e gravidez   | 47      | 28          | 0.596               | 179       | 109         | 0.609               | 7794     | 3152        | 0.404               |
| 48         | 1048    | 1528   | 73800 | <a href="#">Alexandre Salem Szklo</a>                   |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>Energy   Climate Change   Thermodynamics   Petroleum   Fuels                              | 47      | 33          | 0.702               | 127       | 98          | 0.772               | 7791     | 4057        | 0.521               |
| 336        | 1049    | 1529   | 73839 | <a href="#">Dirce Maria Lobo Marchioni</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>epidemiologia nutricional   avaliação do consumo alimentar   dieta e doenças crônicas | 47      | 33          | 0.702               | 162       | 118         | 0.728               | 7759     | 4173        | 0.538               |
| 337        | 1050    | 1530   | 73859 | <a href="#">Martha Simões Ribeiro</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Optical Therapy   Nanotechnology   Tissue Engineering  | 47      | 32          | 0.681               | 105       | 85          | 0.810               | 7727     | 3809        | 0.493               |
| 6          | 1051    | 1531   | 73878 | <a href="#">Valéria Lerch Lunardi</a>                   |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Nursing   Enfermagem   Nursing Ethics   | 47      | 28          | 0.596               | 183       | 103         | 0.563               | 7705     | 3235        | 0.420               |

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| University | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 39         | 1052    | 1532   | 73904 | <a href="#">Bruno Bezerril Andrade</a>                  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                            | <a href="#">Fundação Oswaldo Cruz</a><br>HIV   Tuberculosis   Malaria   Leishmaniasis  | 47      | 36          | 0.766               | 129       | 124         | 0.961               | 7679     | 4655        | 0.606               |
| 338        | 1053    | 1533   | 73946 | <a href="#">Funice Aparecida Bianchi Galati</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Entomologia   Parasitologia.           | 47      | 23          | 0.489               | 156       | 73          | 0.468               | 7628     | 2426        | 0.318               |
| 339        | 1054    | 1534   | 73969 | <a href="#">Adolpho Melfi</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geochemistry   environmental geology   pedology                       | 47      | 24          | 0.511               | 142       | 64          | 0.451               | 7610     | 1899        | 0.250               |
| 2          | 1055    | 1535   | 73971 | <a href="#">Acácia Angeli Dos Santos</a>                |  Brazil   | <a href="#">Universidade São Francisco</a>                       | <a href="#">Social Sciences / Psychology</a><br>Compreensão de leitura   motivação   autorregulação   adaptação acadêmica              | 47      | 26          | 0.553               | 163       | 96          | 0.589               | 7609     | 3150        | 0.414               |
| 6          | 1056    | 1536   | 74049 | <a href="#">J Lubian</a>                                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                  | <a href="#">University</a>   | 47      | 28          | 0.596               | 134       | 85          | 0.634               | 7522     | 2989        | 0.397               |
| 340        | 1057    | 1539   | 74122 | <a href="#">Lewis Joel Greene</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    |  | 47      | 19          | 0.404               | 97        | 33          | 0.340               | 7445     | 1040        | 0.140               |
| 2          | 1058    | 1540   | 74139 | <a href="#">Alfredo N Iusem</a>                         |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a> | <a href="#">Natural Sciences / Mathematics</a><br>Applied Mathematics  | 47      | 26          | 0.553               | 118       | 55          | 0.466               | 7421     | 2408        | 0.324               |
| 51         | 1059    | 1544   | 74207 | <a href="#">Sousa LP</a>                                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Medical and Health Sciences / Microbiology</a><br>Inflamação   | 47      | 34          | 0.723               | 109       | 95          | 0.872               | 7337     | 4322        | 0.589               |
| 341        | 1060    | 1545   | 74277 | <a href="#">Constance Oliver</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Mastocitos   Transdução do Sinal   Lipid Rafts                  | 47      | 19          | 0.404               | 128       | 34          | 0.266               | 7265     | 1741        | 0.240               |
| 49         | 1061    | 1546   | 74283 | <a href="#">Rui Vicente Oppermann</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Periodontal   Terapia Periodonta         | 47      | 30          | 0.638               | 99        | 66          | 0.667               | 7260     | 2663        | 0.367               |
| 20         | 1062    | 1548   | 74290 | <a href="#">Sandra RS Ferreira</a>                      |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>      | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Supercritical fluids   High-pressure | 47      | 35          | 0.745               | 121       | 108         | 0.893               | 7253     | 4195        | 0.578               |
| 6          | 1063    | 1550   | 74409 | <a href="#">Selma Maffei De Andrade</a>                 |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                | <a href="#">Saúde Coletiva/Saúde Coletiva</a><br>Saúde Coletiva   Epidemiologia  | 47      | 25          | 0.532               | 107       | 67          | 0.626               | 7116     | 3380        | 0.475               |
| 342        | 1064    | 1551   | 74414 | <a href="#">Momtchilo Russo</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   | 47      | 23          | 0.489               | 114       | 56          | 0.491               | 7112     | 1707        | 0.240               |



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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7          | 1065    | 1552   | 74455 | <a href="#">Patricia De Azambuja Penna</a>              |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                    |   | 47      | 25          | 0.532               | 130       | 70          | 0.538               | 7072     | 2506        | 0.354               |
| 5          | 1066    | 1553   | 74511 | <a href="#">Kleber Del Claro</a>                        |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Biology   Ecology   Animal Behavior   Biotic Interactions                      | 47      | 30          | 0.638               | 154       | 106         | 0.688               | 6994     | 3208        | 0.459               |
| 17         | 1067    | 1554   | 74513 | <a href="#">Makoto Matsushita</a>                       |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                   | <a href="#">Maringá</a>   | 47      | 28          | 0.596               | 155       | 87          | 0.561               | 6993     | 2702        | 0.386               |
| 52         | 1068    | 1557   | 74604 | <a href="#">Silvia Alencar</a>                          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>          | <a href="#">Natural Sciences / Physics</a><br>stellar astrophysics  | 47      | 34          | 0.723               | 74        | 61          | 0.824               | 6875     | 2918        | 0.424               |
| 343        | 1069    | 1558   | 74613 | <a href="#">Isabel Cn Sacco</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Biomechanics   human locomotion   diabetic neuropathy   physical therapy | 47      | 31          | 0.660               | 111       | 81          | 0.730               | 6862     | 3215        | 0.469               |
| 344        | 1070    | 1559   | 74617 | <a href="#">Edison Luiz Durigon</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Virologia   Imunologia   Doenças Infeciosa                | 47      | 31          | 0.660               | 150       | 96          | 0.640               | 6859     | 3142        | 0.458               |
| 3          | 1071    | 1560   | 74645 | <a href="#">Péricles Barreto Alves</a>                  |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Química de Produtos Naturais                                 | 47      | 34          | 0.723               | 114       | 99          | 0.868               | 6816     | 3413        | 0.501               |
| 1          | 1072    | 1563   | 74726 | <a href="#">Francisco Gerson Araújo</a>                 |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Ecologia de Peixes   Ecomorfologia   Qualidade Ambiental            | 47      | 26          | 0.553               | 148       | 94          | 0.635               | 6706     | 2623        | 0.391               |
| 53         | 1073    | 1564   | 74772 | <a href="#">Carolina Castro Martins</a>                 |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Odontologia Baseada em Evidências   Epidemiologia          | 47      | 39          | 0.830               | 117       | 98          | 0.838               | 6630     | 4414        | 0.666               |
| 49         | 1074    | 1566   | 74809 | <a href="#">Denise Pires De Carvalho</a>                |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>             | <a href="#">Medical and Health Sciences / Physiology</a><br>Endocrinologia Translacional   Fisiologia e Fisiopatologia Endocrina        | 47      | 29          | 0.617               | 131       | 92          | 0.702               | 6578     | 3073        | 0.467               |
| 15         | 1075    | 1567   | 74814 | <a href="#">Danilo Rheinheimer Dos Santos</a>           |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>           | <a href="#">Ciência do Solo Ciências Ambientais </a><br>Ciência do Solo   Ciências Ambientais   | 47      | 31          | 0.660               | 138       | 95          | 0.688               | 6562     | 2997        | 0.457               |
| 91         | 1076    | 1568   | 74815 | <a href="#">Lázaro A Padilha</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>          | <a href="#">Natural Sciences / Physics</a><br>photonics   nonlinear optics   quantum dots   nanomaterials   ultrafast spectroscopy      | 47      | 25          | 0.532               | 72        | 62          | 0.861               | 6558     | 3025        | 0.461               |



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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 345   | 1077    | 1569   | 74818 | <a href="#">Pedro Carlos De Oliveira</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>biocatalysis   polymer   lipase                              | 47      | 28          | 0.596               | 135       | 75          | 0.556               | 6553     | 2771        | 0.423               |
| 346   | 1078    | 1570   | 74822 | <a href="#">Paula Matuoka</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Physics  | 47      | 46          | 0.979               | 137       | 136         | 0.993               | 6548     | 6424        | 0.981               |
| 51  | 1079    | 1571   | 74854 | <a href="#">Cesar Martins</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary Genetics                                       | 47      | 28          | 0.596               | 117       | 76          | 0.650               | 6492     | 2366        | 0.364               |
| 2   | 1080    | 1574   | 74919 | <a href="#">Reinaldo Ramos De Carvalho</a>         |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                           | <a href="#">Natural Sciences / Physics</a><br>Cosmologia   | 47      | 21          | 0.447               | 107       | 41          | 0.383               | 6318     | 1537        | 0.243               |
| 347   | 1081    | 1575   | 74942 | <a href="#">Regina P Markus</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Chronopharmacology   melatonin   Immune-Pineal Axis      | 47      | 28          | 0.596               | 116       | 76          | 0.655               | 6267     | 2714        | 0.433               |
| 348   | 1082    | 1576   | 74961 | <a href="#">Antonio Carlos Seguro</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia   Clínica Médica                              | 47      | 24          | 0.511               | 119       | 62          | 0.521               | 6233     | 2019        | 0.324               |
| 349   | 1083    | 1578   | 74996 | <a href="#">Leonardo Bonjardim</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">FobP</a><br>Dor orofacial   disfunção temporomandibular  | 47      | 32          | 0.681               | 105       | 94          | 0.895               | 6144     | 3174        | 0.517               |
| 350   | 1084    | 1579   | 75029 | <a href="#">Maria Das Graças De Almeida Felipe</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>biotechnology   microbiology   fermentations                                   | 47      | 22          | 0.468               | 102       | 62          | 0.608               | 6002     | 2075        | 0.346               |
| 50  | 1085    | 1580   | 75033 | <a href="#">Robson Coutinho Silva</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cell biology   immunology   biophysics        | 47      | 30          | 0.638               | 109       | 89          | 0.817               | 5995     | 3038        | 0.507               |
| 50  | 1086    | 1583   | 75101 | <a href="#">Ligia Damasceno Ferreira Marczak</a>   |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Engenharia de Alimentos               | 47      | 35          | 0.745               | 81        | 72          | 0.889               | 5029     | 3402        | 0.676               |
| 351   | 1087    | 1585   | 75161 | <a href="#">Fernando Limongi</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>política comparada  | 46      | 29          | 0.630               | 94        | 52          | 0.553               | 27674    | 6359        | 0.230               |
| 352   | 1088    | 1589   | 75391 | <a href="#">Bernardo Leo Wajchenberg</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">CoraãSãoHCFMP</a><br>diabetologia  | 46      | 17          | 0.370               | 149       | 31          | 0.208               | 15218    | 2723        | 0.179               |
| 92  | 1089    | 1591   | 75661 | <a href="#">Ulf Schuchardt</a>                     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalysis   biomass   vegetable oil                          | 46      | 20          | 0.435               | 132       | 39          | 0.295               | 12271    | 2145        | 0.175               |
| 353   | 1090    | 1593   | 75736 | <a href="#">Claudia Mendes De Oliveira</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Extragalactic astronomy  | 46      | 28          | 0.609               | 150       | 88          | 0.587               | 11805    | 6299        | 0.534               |
| 5   | 1091    | 1594   | 75754 | <a href="#">Fernando Luiz Abrucio</a>              |  Brazil | <a href="#">Fundação Getulio Vargas FGV</a>                            | <a href="#">Social Sciences / Political Science</a><br>Ciência Política   Políticas Públicas e Administração Pública | 46      | 36          | 0.783               | 96        | 71          | 0.740               | 11681    | 4353        | 0.373               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 15  | 1092    | 1596   | 75831 | <a href="#">Mauricio Gomes Pereira</a>           |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   | 46      | 30          | 0.652               | 160       | 91          | 0.569               | 11352    | 4828        | 0.425               |
| 2   | 1093    | 1599   | 75990 | <a href="#">Raimundo Braz Filho</a>              |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos Naturais  | 46      | 23          | 0.500               | 327       | 120         | 0.367               | 10680    | 3642        | 0.341               |
| 5   | 1094    | 1600   | 76040 | <a href="#">Ricardo Avelino Gomes</a>            |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                       | <a href="#">Natural Sciences / Physics</a><br>neutrino   cosmic rays   cp violation   hyperons   | 46      | 39          | 0.848               | 86        | 73          | 0.849               | 10517    | 6102        | 0.580               |
| 51  | 1095    | 1601   | 76066 | <a href="#">Guilherme Horta Travassos</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Empirical Software Engineering   Software Engineering   Software Quality   Software Testing   Experimental Software Engineering | 46      | 26          | 0.565               | 175       | 77          | 0.440               | 10442    | 3104        | 0.297               |
| 354   | 1096    | 1602   | 76088 | <a href="#">Ana Cristina De Medeiros Ribeiro</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Artrite reumatoide   imunobiológicos   vacina  | 46      | 31          | 0.674               | 154       | 103         | 0.669               | 10340    | 4658        | 0.450               |
| 355   | 1097    | 1603   | 76172 | <a href="#">Raquel Assed Bezerra Da Silva</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a>  | 46      | 33          | 0.717               | 220       | 147         | 0.668               | 10116    | 5380        | 0.532               |
| 356   | 1098    | 1604   | 76279 | <a href="#">Paolo Marinho De Andrade Zanotto</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Microbiology</a><br>Virology   Evolutionary Biology   Education  | 46      | 29          | 0.630               | 110       | 68          | 0.618               | 9805     | 4183        | 0.427               |
| 52  | 1099    | 1605   | 76285 | <a href="#">Carlos Rossa Junior</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">UnivEstadual(OodontologiAraraquara</a><br>resposta imune   interação microbiota-hospedeiro   imunologia tumoral  | 46      | 30          | 0.652               | 99        | 76          | 0.768               | 9795     | 4332        | 0.442               |
| 357   | 1100    | 1606   | 76295 | <a href="#">Thais Marchini Oliveira</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 46      | 34          | 0.739               | 160       | 123         | 0.769               | 9762     | 6152        | 0.630               |
| 2   | 1101    | 1607   | 76312 | <a href="#">Marcos Gervasio Pereira</a>          |  Brazil | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>      | <a href="#">SolosUFRRJ</a><br>Ciência do Solo  | 46      | 31          | 0.674               | 247       | 152         | 0.615               | 9711     | 5047        | 0.520               |
| 358   | 1102    | 1608   | 76319 | <a href="#">Charles Marques Lourenço</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Neurogenetics   Inborn Errors of Metabolism  | 46      | 41          | 0.891               | 102       | 95          | 0.931               | 9701     | 6031        | 0.622               |
| 93  | 1103    | 1611   | 76428 | <a href="#">Pedro Paulo A Funari</a>             |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Social Sciences / Archeology</a><br>Arqueologia   História   Antiguidade   Latim   Grego   | 46      | 23          | 0.500               | 168       | 66          | 0.393               | 9485     | 2868        | 0.302               |
| 1   | 1104    | 1612   | 76454 | <a href="#">Guilherme Oliveira</a>               |  Brazil | <a href="#">Instituto Tecnológico Vale</a>                              | <a href="#">Instituto Tecnológico Vale</a><br>bioinformatics   computational biology   biodiversity   DNA barcodes   metagenomics  | 46      | 33          | 0.717               | 157       | 104         | 0.662               | 9429     | 4558        | 0.483               |

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| University  | Country | Region | World | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 1105    | 1614   | 76479 | <a href="#">Cursino Brandao Jacobina</a>  | <br>Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                           | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics   | 46      | 24          | 0.522               | 199       | 82          | 0.412               | 9367     | 2843        | 0.304               |
| 359   | 1106    | 1615   | 76522 | <a href="#">Ivan Franca Junior</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">SauPublica</a><br>Saúde Coletiva   Saúde e Direitos Humanos enfocando HIV/Aids   ISTs   COVID-19   violência interpessoal   | 46      | 26          | 0.565               | 77        | 44          | 0.571               | 9281     | 2597        | 0.280               |
| 12  | 1107    | 1617   | 76535 | <a href="#">Teresa Bernarda Ludermir</a>   | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Neural Networks   Artificial Intelligence   Computation Intelligence   Machine Learning   Computer Science | 46      | 25          | 0.543               | 157       | 75          | 0.478               | 9251     | 3171        | 0.343               |
| 360   | 1108    | 1618   | 76537 | <a href="#">Renata Pardini</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Biological Science</a><br>Community ecology   Landscape ecology   Conservation biology   | 46      | 36          | 0.783               | 80        | 63          | 0.788               | 9250     | 5098        | 0.551               |
| 16  | 1109    | 1620   | 76610 | <a href="#">Odete Rocha</a>  | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Aquática   Poluição Aquática   Biologia da Conservação   Biodiversidade Aquática   Espécies Invasoras       | 46      | 28          | 0.609               | 184       | 88          | 0.478               | 9111     | 2921        | 0.321               |
| 16  | 1110    | 1621   | 76631 | <a href="#">Rogemar A Riffel</a>   | <br>Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                         | <a href="#">Natural Sciences / Physics</a><br>Astronomy   Astrophysics   Active Galactic Nuclei   galaxy evolution   black holes  | 46      | 36          | 0.783               | 118       | 116         | 0.983               | 9060     | 7362        | 0.813               |
| 2   | 1111    | 1622   | 76702 | <a href="#">Alessandro Comarú Pasqualotto</a>  | <br>Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>infectious diseases   molecular biology   fungal infections  | 46      | 30          | 0.652               | 117       | 77          | 0.658               | 8942     | 4606        | 0.515               |
| 24  | 1112    | 1624   | 76840 | <a href="#">José Carlos Fernandes Galduróz</a>   | <br>Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Social Sciences / Psychology</a><br>psicofarmacologia   psiquiatria   drogas de abuso e compulsão   | 46      | 22          | 0.478               | 142       | 60          | 0.423               | 8720     | 1981        | 0.227               |
| 40  | 1113    | 1627   | 76959 | <a href="#">Philip Suffys</a>  | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   | 46      | 25          | 0.543               | 127       | 68          | 0.535               | 8539     | 2618        | 0.307               |
| 25  | 1114    | 1628   | 77017 | <a href="#">Jamil Natour</a>   | <br>Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   Coluna Vertebral   Procedimentos   Reabilitação  | 46      | 29          | 0.630               | 111       | 76          | 0.685               | 8468     | 3242        | 0.383               |
| 361   | 1115    | 1631   | 77074 | <a href="#">Marcelo Bönecker</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a>   | 46      | 33          | 0.717               | 124       | 78          | 0.629               | 8386     | 3700        | 0.441               |
| 52  | 1116    | 1632   | 77075 | <a href="#">Rodrigo Leão De Moura</a>  | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Marine Ecology and Conservation  | 46      | 31          | 0.674               | 124       | 99          | 0.798               | 8386     | 4566        | 0.544               |
| 12  | 1117    | 1633   | 77080 | <a href="#">Carlos Brites</a>  | <br>Brazil | <a href="#">Universidade Federal da Bahia</a>                                    | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>doenças infecciosas  | 46      | 29          | 0.630               | 151       | 92          | 0.609               | 8379     | 3580        | 0.427               |

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|---|---------|--------|-------|--|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 41  | 1118    | 1634   | 77097 | <a href="#">Wim Degrave</a>                  | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Pesquisador Titular, Instituto Oswaldo Cruz, Fiocruz</a><br>Comparative Genomics   Biodiversity   Microbial Enzymes   Bioinformatics   Biotechnology               | 46      | 20          | 0.435               | 97        | 36          | 0.371               | 8364     | 1692        | 0.202               |
| 94  | 1119    | 1637   | 77179 | <a href="#">Grosso Crf</a>                   | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Unicamp</a>  | 46      | 32          | 0.696               | 85        | 62          | 0.729               | 8233     | 3957        | 0.481               |
| 362   | 1120    | 1639   | 77190 | <a href="#">S Ferraz Mello</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>exoplanets   tides   asteroids   satellites  | 46      | 22          | 0.478               | 140       | 59          | 0.421               | 8217     | 1910        | 0.232               |
| 12  | 1121    | 1640   | 77208 | <a href="#">Maurício Reis Bogo</a>           | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | Toxicologia  | 46      | 31          | 0.674               | 155       | 104         | 0.671               | 8200     | 3677        | 0.448               |
| 363   | 1122    | 1641   | 77211 | <a href="#">Américo C Sakamoto</a>           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Neurology</a><br>neurologia   epilepsia   eletrencefalografia   neurofisiologia clínica   neuropsicologia                            | 46      | 22          | 0.478               | 150       | 63          | 0.420               | 8195     | 2248        | 0.274               |
| 51  | 1123    | 1643   | 77226 | <a href="#">Ribeiro JLD</a>                  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Engenharia de Produção  | 46      | 33          | 0.717               | 138       | 91          | 0.659               | 8178     | 4649        | 0.568               |
| 7   | 1124    | 1644   | 77264 | <a href="#">Claudia BR Martinez</a>          | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisioecologia   Ecotoxicologia   Toxicologia Aquática  | 46      | 35          | 0.761               | 87        | 69          | 0.793               | 8132     | 3472        | 0.427               |
| 53  | 1125    | 1645   | 77301 | <a href="#">Peter Fernandes Wanke</a>        | <br>Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">COPPEAD</a>  | 46      | 34          | 0.739               | 156       | 121         | 0.776               | 8073     | 4688        | 0.581               |
| 16  | 1126    | 1648   | 77348 | <a href="#">Volnei Garrafa</a>               | <br>Brazil | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">SaúColetiv</a><br>bioética   estomatologia   odontologia   patologia orall   | 46      | 25          | 0.543               | 137       | 72          | 0.526               | 8017     | 2555        | 0.319               |
| 21  | 1127    | 1649   | 77363 | <a href="#">Enedir Ghisi</a>                 | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Engineering &amp; Technology / Civil Engineering</a>   | 46      | 38          | 0.826               | 135       | 112         | 0.830               | 8003     | 5180        | 0.647               |
| 20  | 1128    | 1650   | 77377 | <a href="#">Rodrigo Siqueira Batista</a>     | <br>Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Natural Sciences / Mathematics</a><br>Bioética (Bioethics)   Educação (Education)   Matemática (Mathematics)   Medicina (Medicine)   Saúde pública (Public health) | 46      | 31          | 0.674               | 129       | 80          | 0.620               | 7987     | 3345        | 0.419               |
| 1   | 1129    | 1651   | 77385 | <a href="#">Bernardo Galvão Castro Filho</a> | <br>Brazil | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>                  | <a href="#">BahiMedicieSaúPública</a><br>Retrovirologia  | 46      | 22          | 0.478               | 168       | 63          | 0.375               | 7979     | 1852        | 0.232               |

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| University | Country | Region | World | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 54         | 1130    | 1653   | 77538 | <a href="#">Carlos Adam Conte Junior</a><br><a href="#">Carlos Conte-Junior</a>                                     | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science & Technology   Biochemistry   Veterinary   Molecular Microbiology   Applied Sciences               | 46      | 41          | 0.891               | 195       | 170         | 0.872               | 7805     | 6254        | 0.801               |
| 364        | 1131    | 1654   | 77549 | <a href="#">L. Karla Arruda</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Immunology</a><br>Allergy and Immunology   | 46      | 22          | 0.478               | 96        | 57          | 0.594               | 7795     | 1747        | 0.224               |
| 365        | 1132    | 1656   | 77575 | <a href="#">Luis Yu</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Nephrology</a><br>medicina   nefrologia  | 46      | 24          | 0.522               | 132       | 59          | 0.447               | 7758     | 2200        | 0.284               |
| 7          | 1133    | 1658   | 77599 | <a href="#">Joao Henrique G Lago</a>  | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>química dos produtos naturais  | 46      | 32          | 0.696               | 181       | 139         | 0.768               | 7742     | 4335        | 0.560               |
| 1          | 1134    | 1659   | 77657 | <a href="#">Helen Treichel</a><br> | <br>Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>  | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>bioprocessos   fermentações   planejamento de experimentos   tecnologia enzimática   biocombustíveis | 46      | 28          | 0.609               | 187       | 127         | 0.679               | 7679     | 3781        | 0.492               |
| 42         | 1135    | 1660   | 77666 | <a href="#">Constanca Felicia De Paoli De Carvalho Britto</a>   | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>molecular diagnosis   parasitology   molecular biology  | 46      | 27          | 0.587               | 100       | 78          | 0.780               | 7671     | 3456        | 0.451               |
| 54         | 1136    | 1662   | 77718 | <a href="#">Santuza Maria Teixeira</a>  | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia molecular  | 46      | 25          | 0.543               | 88        | 58          | 0.659               | 7630     | 2155        | 0.282               |
| 366        | 1137    | 1663   | 77731 | <a href="#">Oscar Eboli</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>física   | 46      | 22          | 0.478               | 118       | 43          | 0.364               | 7619     | 1772        | 0.233               |
| 7          | 1138    | 1664   | 77747 | <a href="#">Manuel Haimovici</a>  | <br>Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>     | <a href="#">FURG</a><br>Recursos pesqueiros  | 46      | 23          | 0.500               | 131       | 68          | 0.519               | 7605     | 2249        | 0.296               |
| 367        | 1139    | 1665   | 77784 | <a href="#">Claudio Riccomini</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Earth and Planetary Sciences  | 46      | 29          | 0.630               | 124       | 76          | 0.613               | 7570     | 2934        | 0.388               |
| 368        | 1140    | 1666   | 77810 | <a href="#">Mario Hiroyuki Hirata</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   epigenomica   farmacogenomica e epifarmacogenomica   | 46      | 25          | 0.543               | 176       | 91          | 0.517               | 7543     | 2620        | 0.347               |
| 8          | 1141    | 1667   | 77826 | <a href="#">César Ricardo Teixeira Tarley</a>   | <br>Brazil | <a href="#">Universidade Estadual de Londrina</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química analítica  | 46      | 30          | 0.652               | 156       | 120         | 0.769               | 7523     | 3502        | 0.466               |
| 7          | 1142    | 1668   | 77893 | <a href="#">Lia Bevilaqua</a>   | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Brain(ICe)RioGrandeNorte(UFRN)</a><br>Neurobiology of Learning & Memory  | 46      | 21          | 0.457               | 81        | 41          | 0.506               | 7467     | 1644        | 0.220               |



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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 95  | 1143    | 1669   | 77901 | <a href="#">Carlos Amilcar Parada</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | neurobiologia da Dor   Inflamação   Mecanismos de Ação analgésica de drogas  | 46      | 26          | 0.565               | 97        | 80          | 0.825               | 7456     | 2466        | 0.331               |
| 17  | 1144    | 1670   | 77917 | <a href="#">Antonio Gilberto Ferreira</a>    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nuclear Magnetic Resonance Spectroscopy  | 46      | 27          | 0.587               | 171       | 94          | 0.550               | 7435     | 2923        | 0.393               |
| 369   | 1145    | 1671   | 77963 | <a href="#">Antonio Jose Roque Da Silva</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Matéria Condensada   | 46      | 21          | 0.457               | 117       | 43          | 0.368               | 7380     | 1798        | 0.244               |
| 96  | 1146    | 1672   | 77998 | <a href="#">Fabio Cesar Gozzo</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Espectrometria de Massas   Proteômica   Estrutura de proteínas                         | 46      | 30          | 0.652               | 149       | 96          | 0.644               | 7333     | 3102        | 0.423               |
| 52  | 1147    | 1673   | 78050 | <a href="#">Luiz Fernando Martins Kruehl</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Education / Education</a><br>educação física   fisiologia aquática   fisiologia do exercício   treinamento físico   hidroginástica | 46      | 33          | 0.717               | 145       | 81          | 0.559               | 7278     | 3491        | 0.480               |
| 53  | 1148    | 1674   | 78086 | <a href="#">Sandra Helena Pulcinelli</a>     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>físico-química   química de materiais  | 46      | 28          | 0.609               | 180       | 84          | 0.467               | 7244     | 2628        | 0.363               |
| 370   | 1149    | 1675   | 78120 | <a href="#">Mônica Campos Serra</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cariologia   Dentística   Materiais dentários                                       | 46      | 23          | 0.500               | 132       | 62          | 0.470               | 7200     | 1963        | 0.273               |
| 55  | 1150    | 1677   | 78143 | <a href="#">Walderez Dutra</a>               |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">aBiológicasUniversidMinasGerais</a><br>imunologia   biologia celular   parasitologia   biotecnologia                               | 46      | 27          | 0.587               | 103       | 81          | 0.786               | 7180     | 2905        | 0.405               |
| 17  | 1151    | 1678   | 78145 | <a href="#">Ana Magnólia Mendes</a>          |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a>  | 46      | 28          | 0.609               | 93        | 64          | 0.688               | 7179     | 2839        | 0.395               |
| 3   | 1152    | 1680   | 78183 | <a href="#">Kazuo Tsushima</a>               |  Brazil | <a href="#">Universidade Cruzeiro do Sul</a>                           | <a href="#">Natural Sciences / Physics</a><br>Quark Physics   Hadron Physics   Nuclear Physics   Hadrons in Dense Matter                       | 46      | 21          | 0.457               | 117       | 53          | 0.453               | 7134     | 1608        | 0.225               |
| 43  | 1153    | 1681   | 78206 | <a href="#">Carlos Leomar Zani</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesq Especial, FIOCRUZ-MG, Centro de Pesquisas René Rachou</a><br>natural products chemistry   bioactivity   bioassays             | 46      | 31          | 0.674               | 114       | 70          | 0.614               | 7111     | 2777        | 0.391               |
| 17  | 1154    | 1682   | 78215 | <a href="#">Tatiana Emanuelli</a>            |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Bioactive compounds   Food Science   Toxicology                 | 46      | 27          | 0.587               | 152       | 93          | 0.612               | 7103     | 2993        | 0.421               |

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| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 56         | 1155    | 1683   | 78239 | <a href="#">Alfredo Miranda De Goes</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Células-tronco   Engenharia de tecidos   Câncer de mama                                       | 46      | 25          | 0.543               | 154       | 70          | 0.455               | 7083     | 2387        | 0.337               |
| 97         | 1156    | 1684   | 78327 | <a href="#">Eneida De Paula</a>                         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | membranas   anestésicos locais   espectroscopia   drug delivery  | 46      | 29          | 0.630               | 160       | 118         | 0.738               | 6992     | 3349        | 0.479               |
| 53         | 1157    | 1685   | 78349 | <a href="#">Elina Caramao</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Cromatografia   biomassa   pirólise   petróleo   | 46      | 27          | 0.587               | 140       | 88          | 0.629               | 6967     | 2956        | 0.424               |
| 26         | 1158    | 1686   | 78369 | <a href="#">Deborah Suchecki</a>                        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Stress   Sleep   Depression   Stress Resilience   | 46      | 26          | 0.565               | 86        | 65          | 0.756               | 6950     | 2467        | 0.355               |
| 57         | 1159    | 1687   | 78400 | <a href="#">Heloisa Beraldo</a>                         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>química medicinal   química medicinal inorgânica   química de coordenação                                      | 46      | 25          | 0.543               | 127       | 74          | 0.583               | 6910     | 2194        | 0.318               |
| 14         | 1160    | 1689   | 78471 | <a href="#">Álvaro Renato Guerra Dias</a>               |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">UniversidPelotasCiêncE Tecnologia</a> &#x2013; Ciência e Tecnologia de Alimentos   | 46      | 42          | 0.913               | 102       | 91          | 0.892               | 6820     | 5323        | 0.780               |
| 21         | 1161    | 1690   | 78473 | <a href="#">Wagner Otoni</a>                            |  Brazil  | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Cultura de Tecidos   Propagação In Vitro   Morfogênese In Vitro   Botânica                                    | 46      | 28          | 0.609               | 158       | 111         | 0.703               | 6817     | 3142        | 0.461               |
| 13         | 1162    | 1691   | 78478 | <a href="#">Charbel El Hani</a>                         |  Brazil | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Science education research   philosophy of biology   philosophy of science   conservation science   evolution | 46      | 28          | 0.609               | 148       | 81          | 0.547               | 6810     | 2896        | 0.425               |
| 18         | 1163    | 1692   | 78489 | <a href="#">Roberto Ventura Santos</a>                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geoquímica   geoquímica isotópica   geologia  | 46      | 32          | 0.696               | 107       | 79          | 0.738               | 6795     | 3205        | 0.472               |
| 12         | 1164    | 1694   | 78502 | <a href="#">Antonio Salvio Mangrich</a>                 |  Brazil | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biochar   EPR   Química Inorgânica   Química do Solo.  | 46      | 29          | 0.630               | 149       | 71          | 0.477               | 6777     | 2744        | 0.405               |
| 371        | 1165    | 1695   | 78543 | <a href="#">Luiz Roberto Britto</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Neurociências   | 46      | 26          | 0.565               | 172       | 79          | 0.459               | 6734     | 2342        | 0.348               |
| 372        | 1166    | 1696   | 78585 | <a href="#">Regina Guenka Palma Dibb</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   | 46      | 23          | 0.500               | 136       | 76          | 0.559               | 6695     | 2524        | 0.377               |
| 373        | 1167    | 1697   | 78590 | <a href="#">Edilamar Menezes De Oliveira</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>hipertrofia cardíaca   treinamento físico   microRNAs  | 46      | 30          | 0.652               | 122       | 84          | 0.689               | 6692     | 3131        | 0.468               |













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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 374   | 1168    | 1698   | 78602 | <a href="#">Artur Motheo</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletroquímica ambiental   corrosão metálica   proteção contra a corrosão   desreguladores endócrinos | 46      | 27          | 0.587               | 125       | 76          | 0.608               | 6680     | 2291        | 0.343               |
| 375   | 1169    | 1699   | 78618 | <a href="#">David De Jong</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Bee Biology   Bee Pathology   Bee Genetics   Africanized Bees                         | 46      | 25          | 0.543               | 95        | 60          | 0.632               | 6665     | 2210        | 0.332               |
| 22  | 1170    | 1701   | 78723 | <a href="#">Adailton J Bortoluzzi</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 46      | 22          | 0.478               | 153       | 80          | 0.523               | 6529     | 2037        | 0.312               |
| 376   | 1171    | 1703   | 78764 | <a href="#">Ana Maria Carmona Ribeiro</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biocolloids  | 46      | 22          | 0.478               | 126       | 74          | 0.587               | 6483     | 2211        | 0.341               |
| 377   | 1172    | 1704   | 78767 | <a href="#">Marcia Pinto Alves Mayer</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Microbiologia   Periodontia   Odontologia   | 46      | 29          | 0.630               | 115       | 86          | 0.748               | 6478     | 2642        | 0.408               |
| 378   | 1173    | 1705   | 78787 | <a href="#">Michele Vitolo</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a>   | 46      | 23          | 0.500               | 134       | 60          | 0.448               | 6455     | 2164        | 0.335               |
| 54  | 1174    | 1707   | 78824 | <a href="#">Gilsane Lino Von Poser</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacognosia  | 46      | 24          | 0.522               | 132       | 80          | 0.606               | 6399     | 2539        | 0.397               |
| 23  | 1175    | 1708   | 78844 | <a href="#">Eduardo Carasek</a>                   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química analítica  | 46      | 27          | 0.587               | 139       | 97          | 0.698               | 6373     | 2743        | 0.430               |
| 98  | 1176    | 1710   | 78878 | <a href="#">Julian Martínez</a>                   |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>engenharia de alimentos   | 46      | 38          | 0.826               | 117       | 97          | 0.829               | 6314     | 4362        | 0.691               |
| 379   | 1177    | 1711   | 78886 | <a href="#">Maria Lucia Do Carmo Cruz Robazzi</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirão Preto</a><br>Saúde Ocupacional   Pós-Graduação  | 46      | 25          | 0.543               | 141       | 74          | 0.525               | 6309     | 2399        | 0.380               |
| 11  | 1178    | 1713   | 78946 | <a href="#">Marcia Barbosa Aquila</a>             |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição experimental   | 46      | 31          | 0.674               | 128       | 102         | 0.797               | 6215     | 3125        | 0.503               |
| 1   | 1179    | 1714   | 78968 | <a href="#">Maria Helena De Sousa</a>             |  Brazil | <a href="#">Faculdade de Medicina de Jundiaí</a>                | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Morbidade materna grave e mortalidade materna                                | 46      | 26          | 0.565               | 114       | 76          | 0.667               | 6175     | 2597        | 0.421               |
| 380   | 1180    | 1715   | 78993 | <a href="#">Katia Grillo Padilha</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Patient safety   Intensive Care Units   Workload   Nursing   Adverse events           | 46      | 26          | 0.565               | 113       | 65          | 0.575               | 6137     | 2472        | 0.403               |

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| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 381        | 1181    | 1716   | 79014 | <a href="#">Suely Vilela</a>                            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSÃO Paulo</a><br>Toxinologia  | 46      | 28          | 0.609               | 123       | 91          | 0.740               | 6099     | 2592        | 0.425               |
| 5          | 1182    | 1717   | 79048 | <a href="#">I. Roditi: Itzhak Roditi</a>                |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Centro Brasileiro de Pesquisas Físicas</a>   | 46      | 12          | 0.261               | 87        | 14          | 0.161               | 6017     | 482         | 0.080               |
| 44         | 1183    | 1718   | 79059 | <a href="#">Claudia Ida Brodskyn</a>                    |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 46      | 25          | 0.543               | 95        | 70          | 0.737               | 5994     | 1884        | 0.314               |
| 55         | 1184    | 1719   | 79061 | <a href="#">Carla Dalmaz</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Bioquímica   | 46      | 24          | 0.522               | 118       | 66          | 0.559               | 5990     | 1828        | 0.305               |
| 1          | 1185    | 1721   | 79076 | <a href="#">Wilson Roberto Cunha</a>                    |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais                 | 46      | 27          | 0.587               | 130       | 95          | 0.731               | 5951     | 2616        | 0.440               |
| 382        | 1186    | 1722   | 79195 | <a href="#">Francisco Chiaravalloti Neto</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 46      | 31          | 0.674               | 102       | 87          | 0.853               | 5501     | 2944        | 0.535               |
| 383        | 1187    | 1727   | 79362 | <a href="#">Paulo Cesar Sentelhas</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agrometeorology   Crop Modeling and Weather-based Disease Warning System | 45      | 34          | 0.756               | 181       | 113         | 0.624               | 20635    | 14303       | 0.693               |
| 2          | 1188    | 1729   | 79501 | <a href="#">Danielle Moraes</a>                         |  Brazil   | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>        | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias  | 45      | 21          | 0.467               | 106       | 38          | 0.358               | 15919    | 4222        | 0.265               |
| 99         | 1189    | 1730   | 79549 | <a href="#">Evelina Dagnino</a>                         |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Social Sciences / Political Science</a><br>Democracia   participação   cidadania   movimentos sociais                    | 45      | 28          | 0.622               | 69        | 50          | 0.725               | 14834    | 3366        | 0.227               |
| 384        | 1190    | 1732   | 79637 | <a href="#">Whady Armino Hueb</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">InCorHCFMP</a><br>doença arterial coronária  | 45      | 24          | 0.533               | 102       | 52          | 0.510               | 13289    | 5040        | 0.379               |
| 15         | 1191    | 1733   | 79639 | <a href="#">Raquel Recuero</a>                          |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Pelotas(UFPEL)/RioGrSul(UFRGS)</a><br>Social Media   Online Discourse   Violence   Disinformation   Digital Methods      | 45      | 32          | 0.711               | 87        | 68          | 0.782               | 13257    | 5576        | 0.421               |
| 55         | 1192    | 1734   | 79644 | <a href="#">Luiz Davidovich</a>                         |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Quantum optics   quantum information   | 45      | 25          | 0.556               | 84        | 45          | 0.536               | 13182    | 3423        | 0.260               |
| 385        | 1193    | 1736   | 79833 | <a href="#">Eduardo Goes Neves</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Archeology</a><br>Archaeology   Amazonia   | 45      | 34          | 0.756               | 95        | 76          | 0.800               | 11726    | 5421        | 0.462               |
| 386        | 1194    | 1737   | 79997 | <a href="#">Chong Ae Kim</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Genética Clínica e Molecular                            | 45      | 30          | 0.667               | 134       | 87          | 0.649               | 10889    | 3598        | 0.330               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 100   | 1195    | 1739   | 80033 | <a href="#">Daniela Zanchet</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   |  | 45      | 26          | 0.578               | 86        | 67          | 0.779               | 10716    | 2587        | 0.241               |
| 12  | 1196    | 1744   | 80245 | <a href="#">Edy Sousa De Brito</a>                 |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food chemistry   agroindustrial process   extraction                                | 45      | 38          | 0.844               | 151       | 127         | 0.841               | 9991     | 6227        | 0.623               |
| 387   | 1197    | 1745   | 80283 | <a href="#">Decio Mion Junior</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">HospitaldasClinicas</a><br>Hipertensão arterial   regulação neural da pressão arterial   monitorização ambulatorial da pressão arterial   adesão ao tr | 45      | 24          | 0.533               | 129       | 51          | 0.395               | 9877     | 2827        | 0.286               |
| 22  | 1198    | 1746   | 80321 | <a href="#">Jose Eduardo Serrao</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>          | <a href="#">Natural Sciences / Biological Science</a><br>Biologia  | 45      | 31          | 0.689               | 284       | 175         | 0.616               | 9774     | 5197        | 0.532               |
| 58  | 1199    | 1748   | 80446 | <a href="#">Angelica Thomaz Vieira</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Inflammation   Microbiota   Pro-Prebiotics  | 45      | 36          | 0.800               | 75        | 69          | 0.920               | 9479     | 5593        | 0.590               |
| 6   | 1200    | 1749   | 80463 | <a href="#">Marcelo Neri</a>                       |  <a href="#">Brazil</a>   | <a href="#">Fundação Getulio Vargas FGV</a>                 | <a href="#">Social Sciences / Political Science</a><br>políticas sociais   microeconometria e bem-estar social   | 45      | 22          | 0.489               | 145       | 55          | 0.379               | 9447     | 2657        | 0.281               |
| 101   | 1201    | 1750   | 80508 | <a href="#">Luís Felipe Toledo</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Ecologia   Conservação   | 45      | 32          | 0.711               | 140       | 108         | 0.771               | 9348     | 5806        | 0.621               |
| 18  | 1202    | 1751   | 80582 | <a href="#">Carlos Alberto Scapim</a>              |  <a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">UEM</a><br>Melhoramento genético do milho  | 45      | 24          | 0.533               | 229       | 102         | 0.445               | 9177     | 3374        | 0.368               |
| 388   | 1203    | 1753   | 80660 | <a href="#">Carlos Tadeu Dos Santos Dias</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Statistics</a><br>Modelos AMMI   Simulação Multivariada   Gráficos Biplot   Imputação.  | 45      | 28          | 0.622               | 195       | 105         | 0.538               | 9023     | 4467        | 0.495               |
| 7   | 1204    | 1754   | 80683 | <a href="#">Evan M Berman E. Berman, EM Berman</a> |  <a href="#">Brazil</a> | <a href="#">Fundação Getulio Vargas FGV</a>                 | <a href="#">Business &amp; Management / Public Administration</a><br>Public Management   Public Performance   Public Leadership   Comparative   HRM                | 45      | 28          | 0.622               | 105       | 65          | 0.619               | 8985     | 3228        | 0.359               |
| 24  | 1205    | 1756   | 80737 | <a href="#">Sandra Rolim Ensslin</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Business &amp; Management / Business Administration</a><br>Avaliação de desempenho   Metodologia Multicritério   Metodologia MCDA-C   Apoio à Decisão  | 45      | 33          | 0.733               | 180       | 102         | 0.567               | 8873     | 4337        | 0.489               |
| 27  | 1206    | 1757   | 80753 | <a href="#">José Álvaro Pereira Gomes</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>cornea   superfície ocular   biologia celular   ocular surface   celular biology                    | 45      | 30          | 0.667               | 112       | 76          | 0.679               | 8851     | 4496        | 0.508               |

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| University | Country | Region | World | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 1207    | 1758   | 80807 | <a href="#">José Antonio Gonzalez Da Silva</a><br> | <br>Brazil   | <a href="#">Universidade Regional do Noroeste do Estado do Rio Grande do Sul UNIJUÁ</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecofisiologia   Genética e Melhoramento   Probabilidade e Estatística   Modelagem Matemática   | 45      | 29          | 0.644               | 201       | 106         | 0.527               | 8751     | 4237        | 0.484               |
| 4          | 1208    | 1759   | 80865 | <a href="#">Antonio Manoel Dos Santos Oliveira</a>  | <br>Brazil   | <a href="#">Universidade Guarulhos UNG</a>  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia de Engenharia e Ambiental   | 45      | 31          | 0.689               | 217       | 134         | 0.618               | 8648     | 4445        | 0.514               |
| 389        | 1209    | 1760   | 80866 | <a href="#">Edwin Roger Parra Cuentas</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Pathology</a><br>Medicina   Patologia   | 45      | 35          | 0.778               | 135       | 93          | 0.689               | 8648     | 6824        | 0.789               |
| 102        | 1210    | 1765   | 81146 | <a href="#">Thomas M Lewinsohn</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Biodiversity   Conservation Biology  | 45      | 26          | 0.578               | 92        | 62          | 0.674               | 8247     | 3861        | 0.468               |
| 19         | 1211    | 1766   | 81150 | <a href="#">Diogenes Aparicio Garcia Cortez</a>   | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Saúde Coletiva   Microbiologia Aplicada   Parasitologia   Farmacologia | 45      | 29          | 0.644               | 137       | 82          | 0.599               | 8242     | 3212        | 0.390               |
| 45         | 1212    | 1767   | 81158 | <a href="#">Gabriel Grimaldi</a>  | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">FIOCRUZ Bahia</a><br>Parasitology   Vaccines  | 45      | 20          | 0.444               | 92        | 37          | 0.402               | 8236     | 1404        | 0.170               |
| 3          | 1213    | 1768   | 81181 | <a href="#">Rodrigo Coutinho Andrade</a>  | <br>Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>                      | <a href="#">Natural Sciences / Geography</a><br>Geografia e Educação  | 45      | 19          | 0.422               | 61        | 33          | 0.541               | 8214     | 1185        | 0.144               |
| 28         | 1214    | 1769   | 81196 | <a href="#">Reinaldo Salomao</a>  | <br>Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                               | <a href="#">Disc.InfectologiMedicinEPM/Unifesp</a><br>imunologia   terapia intensiva   infectologia   | 45      | 26          | 0.578               | 127       | 74          | 0.583               | 8198     | 2984        | 0.364               |
| 2          | 1215    | 1770   | 81212 | <a href="#">José Domingos Fabris</a>  | <br>Brazil | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química do Estado Sólido   espectroscopia Mössbauer   catálise   processos de produção de biocombustíveis                             | 45      | 30          | 0.667               | 123       | 70          | 0.569               | 8180     | 3196        | 0.391               |
| 390        | 1216    | 1771   | 81227 | <a href="#">Estevam Augusto Bonfante</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Dentistry</a>   | 45      | 33          | 0.733               | 141       | 117         | 0.830               | 8161     | 4605        | 0.564               |
| 54         | 1217    | 1772   | 81245 | <a href="#">Sadhan Kumar Adhikari</a>   | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                  | <a href="#">Natural Sciences / Physics</a>  | 45      | 21          | 0.467               | 199       | 57          | 0.286               | 8135     | 1928        | 0.237               |

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| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 59         | 1218    | 1775   | 81371 | <a href="#">Adriana S Franca</a>                        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical engineering   Food Engineering   coffee                          | 45      | 37          | 0.822               | 93        | 68          | 0.731               | 8017     | 4079        | 0.509               |
| 391        | 1219    | 1778   | 81454 | <a href="#">Lilian Amorim</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>fitopatologia  | 45      | 27          | 0.600               | 162       | 94          | 0.580               | 7923     | 3012        | 0.380               |
| 392        | 1220    | 1779   | 81558 | <a href="#">Roberto Martinez</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Medical Mycology   Clinical Microbiology  | 45      | 25          | 0.556               | 169       | 70          | 0.414               | 7815     | 3061        | 0.392               |
| 18         | 1221    | 1780   | 81597 | <a href="#">Marcio A Mazutti</a>                        |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia de Bioprocessos   Bioprocess Engineering   Biochemical Engineering | 45      | 32          | 0.711               | 196       | 141         | 0.719               | 7777     | 4653        | 0.598               |
| 60         | 1222    | 1781   | 81606 | <a href="#">Nelson Rfa Silva</a>                        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br>cerâmicas   materiais   adesão   biomecânica   CAD/CAM                                    | 45      | 29          | 0.644               | 80        | 60          | 0.750               | 7772     | 3344        | 0.430               |
| 6          | 1223    | 1782   | 81621 | <a href="#">Matias Pablo Juan Szabo</a>                 |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>          | <a href="#">Natural Sciences / Biological Science</a><br>biologia e ecologia de carrapatos   imunopatologia   riquetsia                              | 45      | 26          | 0.578               | 114       | 73          | 0.640               | 7759     | 4210        | 0.543               |
| 13         | 1224    | 1783   | 81644 | <a href="#">Marcos Tavares Dias</a>                     |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Embrapa Amapá</a><br>Parasitologia de peixes   | 45      | 28          | 0.622               | 171       | 134         | 0.784               | 7723     | 4103        | 0.531               |
| 4          | 1225    | 1784   | 81679 | <a href="#">Ethel L Maciel</a>                          |  Brazil  | <a href="#">Universidade Federal do Espírito Santo</a>      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia de Doenças Infeciosas. Tuberculose                     | 45      | 31          | 0.689               | 152       | 102         | 0.671               | 7680     | 4054        | 0.528               |
| 103        | 1226    | 1787   | 81845 | <a href="#">Gisela Umbuzeiro</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">TECNOLOGIAUNICAMP</a><br>toxicologia ambiental   | 45      | 33          | 0.733               | 108       | 86          | 0.796               | 7520     | 4695        | 0.624               |
| 61         | 1227    | 1789   | 81924 | <a href="#">Geovanni Cassali</a>                        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia mamária comparada   | 45      | 31          | 0.689               | 178       | 112         | 0.629               | 7449     | 3886        | 0.522               |
| 46         | 1228    | 1790   | 81946 | <a href="#">Samuel Goldenberg</a>                       |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Pesquisador, Fiocruz</a><br>Trypanosoma   gene expression regulation   microvesicles   RNA binding protein   stem cells                  | 45      | 25          | 0.556               | 133       | 59          | 0.444               | 7417     | 2041        | 0.275               |
| 393        | 1229    | 1791   | 81950 | <a href="#">Henrique B Ribeiro</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Cardiology</a><br>Interventional Cardiology   Structural Heart Disease   TAVI   Aortic Stenosis            | 45      | 39          | 0.867               | 103       | 78          | 0.757               | 7415     | 5022        | 0.677               |

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| University | Country | Region | World | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 29         | 1230    | 1792   | 81972 | <a href="#">Lila Oyama</a>                              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Physiology</a><br>physiology   obesity   adipose tissue   inflammation   nutraceuticas                                   | 45      | 30          | 0.667               | 154       | 108         | 0.701               | 7391     | 3570        | 0.483               |
| 55         | 1231    | 1793   | 81996 | <a href="#">Eduardo Piza Pellizzer</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Implante Dentário   Prótese Parcial Removível   CAD/CAM   Revisão Sistemática                           | 45      | 38          | 0.844               | 159       | 122         | 0.767               | 7370     | 5028        | 0.682               |
| 2          | 1232    | 1794   | 82008 | <a href="#">Claudianor Alves</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Campina Grande</a>                 | <a href="#">Natural Sciences / Mathematics</a><br>Matemática   | 45      | 29          | 0.644               | 143       | 107         | 0.748               | 7358     | 3929        | 0.534               |
| 7          | 1233    | 1796   | 82142 | <a href="#">Luiz R Goulart</a>                          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Nanobiotechnology   Theranostics   Human and Animal Diseases                                | 45      | 31          | 0.689               | 168       | 126         | 0.750               | 7237     | 4263        | 0.589               |
| 56         | 1234    | 1797   | 82168 | <a href="#">Rosangela A Pereira</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrition epidemiology  | 45      | 31          | 0.689               | 128       | 91          | 0.711               | 7213     | 3480        | 0.482               |
| 394        | 1235    | 1798   | 82193 | <a href="#">Ricardo Ferreira Bento</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Deafness   Acoustic Schwannoma   Otosclerosis   Cochlear implant   Jugular Foramen Tumors     | 45      | 22          | 0.489               | 179       | 76          | 0.425               | 7196     | 2395        | 0.333               |
| 4          | 1236    | 1799   | 82209 | <a href="#">Viviana Cocco Mariani</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Renewable Energy   Smart Grid   Optimization   Machine Learning   Artificial Intelligence | 45      | 37          | 0.822               | 108       | 80          | 0.741               | 7187     | 4207        | 0.585               |
| 56         | 1237    | 1801   | 82244 | <a href="#">Ida Schwartz</a>                            | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Health   | 45      | 29          | 0.644               | 147       | 108         | 0.735               | 7145     | 3517        | 0.492               |
| 4          | 1238    | 1802   | 82268 | <a href="#">Samira Da Silva Valvassori</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Genética   Psiquiatria   | 45      | 33          | 0.733               | 128       | 98          | 0.766               | 7120     | 3099        | 0.435               |
| 5          | 1239    | 1803   | 82290 | <a href="#">Tatiana Barichello</a>                      | <br><a href="#">Brazil</a> | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>          | Neuroinflamação   neuroinfecção   neurodegeneração   | 45      | 35          | 0.778               | 138       | 107         | 0.775               | 7098     | 4639        | 0.654               |
| 395        | 1240    | 1804   | 82302 | <a href="#">Júlia Maria D Andréa Greve</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicina Física e Reabilitação São Paulo USP</a><br>reabilitação   biomecânica   prevenção incapacidades   trauma raquimedular   envelhecimento        | 45      | 29          | 0.644               | 124       | 79          | 0.637               | 7085     | 3023        | 0.427               |



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| University  | Country | Region | World | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 16  | 1241    | 1806   | 82349 | <a href="#">Eder Joao Lenardão</a>                     | <br>Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Green Chemistry   Selenium   Síntese Orgânica   Química Verde  | 45      | 29          | 0.644               | 151       | 112         | 0.742               | 7048     | 3609        | 0.512               |
| 19  | 1242    | 1807   | 82350 | <a href="#">Haridasan</a>                              | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   | 45      | 22          | 0.489               | 76        | 46          | 0.605               | 7048     | 2125        | 0.302               |
| 2   | 1243    | 1808   | 82360 | <a href="#">Eduardo Caruso Machado</a>                 | <br>Brazil   | <a href="#">Instituto Agrônomo</a>                              | <a href="#">Pesquisador em fisiologia vegetal, Instituto Agrônomo de Campinas</a><br>Fisiologia vegetal  | 45      | 30          | 0.667               | 135       | 82          | 0.607               | 7039     | 3001        | 0.426               |
| 396   | 1244    | 1809   | 82420 | <a href="#">Regina Aparecida Garcia De Lima</a>        | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirão Preto</a><br>enfermagem pediátrica   criança hospitalizada   condições crônicas   enfermagem familiar   cuidados paliativos pediátricos | 45      | 28          | 0.622               | 156       | 78          | 0.500               | 6978     | 2876        | 0.412               |
| 25  | 1245    | 1810   | 82427 | <a href="#">Regina De Fatima Peralta Muniz Moreira</a> | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Photocatalysis   Advanced Oxidation Processes   Water treatment   Environmental Processes            | 45      | 33          | 0.733               | 128       | 99          | 0.773               | 6972     | 3525        | 0.506               |
| 23  | 1246    | 1813   | 82536 | <a href="#">Elizabeth Bp Fontes</a>                    | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Molecular Biology  | 45      | 28          | 0.622               | 98        | 70          | 0.714               | 6879     | 2539        | 0.369               |
| 397   | 1247    | 1814   | 82630 | <a href="#">Elucir Gir</a>                             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Doenças Infecciosas   Enfermagem. Doenças sexualmente transmissíveis   | 45      | 26          | 0.578               | 149       | 80          | 0.537               | 6792     | 2629        | 0.387               |
| 8   | 1248    | 1815   | 82631 | <a href="#">Denise Mafra</a>                           | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                 | Renal Nutrition  | 45      | 37          | 0.822               | 130       | 103         | 0.792               | 6791     | 4279        | 0.630               |
| 398   | 1249    | 1817   | 82672 | <a href="#">Euclides Ayres Castilho</a>                | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MedicinP/AdolfoLutz</a><br>aids   HIV   epidemiologia/bioestatísticaPrimeiro interesse   Segundo interesse                                       | 45      | 21          | 0.467               | 111       | 32          | 0.288               | 6747     | 1296        | 0.192               |
| 399   | 1250    | 1819   | 82675 | <a href="#">Waldir Mantovani</a>                       | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Meio Ambiente  | 45      | 19          | 0.422               | 104       | 35          | 0.337               | 6744     | 1178        | 0.175               |
| 57  | 1251    | 1820   | 82711 | <a href="#">Solange Cristina Garcia</a>                | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Toxicologia</a><br>Occupational and Environmental Toxicology   Nanotoxicology  | 45      | 30          | 0.667               | 138       | 98          | 0.710               | 6696     | 3319        | 0.496               |
| 400   | 1252    | 1821   | 82723 | <a href="#">Benedito Correa</a>                        | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">da UniversidSão Paulo</a><br>Micologia   Biorremediação  | 45      | 26          | 0.578               | 123       | 74          | 0.602               | 6684     | 2458        | 0.368               |
| 401   | 1253    | 1822   | 82730 | <a href="#">Claudia Benedita Dos Santos</a>            | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Statistics</a><br>Statistics  | 45      | 25          | 0.556               | 159       | 90          | 0.566               | 6679     | 2785        | 0.417               |
| 402   | 1254    | 1825   | 82764 | <a href="#">Zangrossi H</a>                            | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Psychology</a><br>psychopharmacology   | 45      | 22          | 0.489               | 104       | 60          | 0.577               | 6645     | 1670        | 0.251               |



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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 58         | 1255    | 1826   | 82767 | <a href="#">Arnaldo Zaha</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia molecular   biotecnologia   | 45      | 24          | 0.533               | 116       | 69          | 0.595               | 6642     | 1954        | 0.294               |
| 30         | 1256    | 1827   | 82782 | <a href="#">Dalva Poyares</a>                           |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">SaoPaulo</a><br>Sleep Medicine  | 45      | 29          | 0.644               | 96        | 73          | 0.760               | 6626     | 2677        | 0.404               |
| 403        | 1257    | 1830   | 82812 | <a href="#">Maria Regina Alves Cardoso</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology  | 45      | 26          | 0.578               | 119       | 70          | 0.588               | 6598     | 2807        | 0.425               |
| 404        | 1258    | 1832   | 82829 | <a href="#">Ricardo IF Trindade</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geofísica   geoquímica   | 45      | 29          | 0.644               | 125       | 105         | 0.840               | 6584     | 3250        | 0.494               |
| 17         | 1259    | 1834   | 82881 | <a href="#">Elizabeth De Francesco Daher</a>            |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia  | 45      | 26          | 0.578               | 151       | 101         | 0.669               | 6533     | 3253        | 0.498               |
| 6          | 1260    | 1836   | 82908 | <a href="#">Luciano José Pereira</a>                    |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology  | 45      | 32          | 0.711               | 129       | 110         | 0.853               | 6500     | 3306        | 0.509               |
| 104        | 1261    | 1837   | 82922 | <a href="#">Rafael Ribeiro</a>                          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomy   crop physiology   photosynthesis   | 45      | 35          | 0.778               | 130       | 100         | 0.769               | 6483     | 3614        | 0.557               |
| 405        | 1262    | 1838   | 82958 | <a href="#">Walter Alves Neves</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a>   | 45      | 25          | 0.556               | 127       | 59          | 0.465               | 6434     | 1915        | 0.298               |
| 62         | 1263    | 1840   | 82984 | <a href="#">Maria Beatriz Abreu Gloria</a>              |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciencia de alimentos   Analise de alimentos   Química de alimentos   Bioquímica de alimentos | 45      | 27          | 0.600               | 120       | 85          | 0.708               | 6416     | 2832        | 0.441               |
| 56         | 1264    | 1841   | 83018 | <a href="#">Antonio Carlos Cicogna</a>                  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   Cardiovascular physiology   Obesity   Heart Failure   Exercise Physiology.                         | 45      | 26          | 0.578               | 126       | 57          | 0.452               | 6389     | 2487        | 0.389               |
| 57         | 1265    | 1843   | 83043 | <a href="#">AFT Amarante</a>                            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 45      | 28          | 0.622               | 132       | 91          | 0.689               | 6361     | 2540        | 0.399               |
| 105        | 1266    | 1844   | 83066 | <a href="#">Jacques Wainer</a>                          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Workflow   Bibliometrics   Medical Informatics                                 | 45      | 26          | 0.578               | 113       | 54          | 0.478               | 6340     | 2195        | 0.346               |

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| University | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 26         | 1267    | 1845   | 83079 | <a href="#">Marco Di Luccio</a>                         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Chemical Engineering   Membrane Processes   Bioprocess Engineering  | 45      | 28          | 0.622               | 134       | 91          | 0.679               | 6324     | 2955        | 0.467               |
| 31         | 1268    | 1846   | 83096 | <a href="#">Marcelo Demarzo</a>                         |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">PreventivePaulistMedicina&amp;#226!&amp;#226!</a><br>Primary Care   Health Promotion   Self-Care   Mindfulness   Digital Health   | 45      | 36          | 0.800               | 101       | 88          | 0.871               | 6301     | 4488        | 0.712               |
| 59         | 1269    | 1847   | 83104 | <a href="#">Arthur Fett Neto</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Secondary Metabolism   Adventitious Rooting   Plant Biotechnology   | 45      | 29          | 0.644               | 104       | 76          | 0.731               | 6284     | 2677        | 0.426               |
| 406        | 1270    | 1849   | 83120 | <a href="#">Marcia Caruso Bicego</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a>  | 45      | 31          | 0.689               | 118       | 97          | 0.822               | 6269     | 2876        | 0.459               |
| 407        | 1271    | 1850   | 83129 | <a href="#">Maria Bernadete Amancio Varesche</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">EESCP</a><br>digestion anaerobic  | 45      | 35          | 0.778               | 132       | 116         | 0.879               | 6255     | 3898        | 0.623               |
| 32         | 1272    | 1851   | 83131 | <a href="#">Marcelo Nascimento Burattini</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Inform&amp;#226;ticaM&amp;#226;dic&amp;#226;F&amp;#226;MP&amp;#226;Liv&amp;#226;re&amp;#226;!</a><br>infectologia   epodemiologia   HIV/AIDS   sa&#224;de p&#225;blica   gest&#225;o em sa&#224;de        | 45      | 24          | 0.533               | 115       | 53          | 0.461               | 6252     | 2279        | 0.365               |
| 19         | 1273    | 1853   | 83166 | <a href="#">F&amp;#226;lix Alexandre Antunes Soares</a> |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | Toxicologia   Farmacologia   Bioqu&#226;mica  | 45      | 29          | 0.644               | 166       | 128         | 0.771               | 6218     | 3338        | 0.537               |
| 60         | 1274    | 1855   | 83225 | <a href="#">Celia R Carlini</a>                         |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Pharmacology and Toxicology</a><br>toxinas prote&#226;icas   neurotoxinas   qu&#226;mica de prote&#226;inas   enzimologia   prote&#226;inas inseticidas e antif&#226;ngicas | 45      | 22          | 0.489               | 128       | 69          | 0.539               | 6145     | 2057        | 0.335               |
| 106        | 1275    | 1856   | 83292 | <a href="#">Valentim Barao</a>                          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Implantes Dent&#226;rios   Corros&#225;o   Biofilme  | 45      | 34          | 0.756               | 135       | 115         | 0.852               | 6057     | 3922        | 0.648               |
| 18         | 1276    | 1858   | 83301 | <a href="#">Rosa Maria Salani Mota</a>                  |  Brazil | <a href="#">Universidade Federal do Cear&amp;#226;</a>          | <a href="#">II</a><br>Boiestat&#226;stica   Epidemiologia   Teoria de amostragem   An&#226;lise de sobreviv&#224;ncia   | 45      | 28          | 0.622               | 115       | 78          | 0.678               | 6040     | 3057        | 0.506               |
| 57         | 1277    | 1859   | 83311 | <a href="#">Lucia Mendonca Previato</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry  | 45      | 19          | 0.422               | 108       | 49          | 0.454               | 6030     | 1597        | 0.265               |
| 19         | 1278    | 1860   | 83332 | <a href="#">Flavia Almeida Santos</a>                   |  Brazil | <a href="#">Universidade Federal do Cear&amp;#226;</a>          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia  | 45      | 25          | 0.556               | 83        | 58          | 0.699               | 6011     | 2025        | 0.337               |

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| University | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 63         | 1279    | 1861   | 83350 | <a href="#">Frederic Frezard</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Physics</a><br>Biophysics   Pharmacology & Pharmacy   Drug delivery   Nanobiotechnology   Leishmaniases  | 45      | 27          | 0.600               | 107       | 62          | 0.579               | 5990     | 2335        | 0.390               |
| 20         | 1280    | 1862   | 83366 | <a href="#">Danielle S Macedo</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Medical and Health Sciences / Physiology</a><br>Mental disorders   schizophrenia   bipolar disorder   depression   neurodevelopment                                   | 45      | 33          | 0.733               | 115       | 99          | 0.861               | 5958     | 3804        | 0.638               |
| 20         | 1281    | 1863   | 83375 | <a href="#">Thiago Machado Ardenghi</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Epidemiologia   Odontopediatria  | 45      | 35          | 0.778               | 108       | 100         | 0.926               | 5951     | 3409        | 0.573               |
| 408        | 1282    | 1864   | 83381 | <a href="#">Marcos Roberto De Vasconcelos Lanza</a>     |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroquímica   Eletroquímica Ambiental   Eletrocatalise   Reatores Eletroquímicos e Processos Oxidativos Avançados (POA) | 45      | 36          | 0.800               | 131       | 105         | 0.802               | 5943     | 3816        | 0.642               |
| 27         | 1283    | 1865   | 83393 | <a href="#">Antonio Fernando Boing</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Coletiva   Desigualdades Sociais em Saúde                                   | 45      | 33          | 0.733               | 112       | 84          | 0.750               | 5929     | 3041        | 0.513               |
| 18         | 1284    | 1866   | 83410 | <a href="#">Tania Salvini</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Fisiologia   Biomecanica   Reabilitação   Musculo esquelético                                       | 45      | 26          | 0.578               | 122       | 74          | 0.607               | 5905     | 2377        | 0.403               |
| 2          | 1285    | 1868   | 83437 | <a href="#">Kátia De Angelis</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Nove de Julho</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia cardiovascular   treinamento fisico   menopausa   diabetes   | 45      | 26          | 0.578               | 129       | 89          | 0.690               | 5856     | 2678        | 0.457               |
| 409        | 1286    | 1870   | 83439 | <a href="#">Carlos Curti</a>                            |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>mitocôndria   bioenergética   estresse oxidativo   morte celular   câncer   | 45      | 24          | 0.533               | 101       | 58          | 0.574               | 5852     | 1849        | 0.316               |
| 410        | 1287    | 1871   | 83459 | <a href="#">Calich V</a>                                |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Doenças Infeciosas   Micoses   Vacinas   Relação Patógeno-Hospedeiro                                     | 45      | 20          | 0.444               | 94        | 46          | 0.489               | 5805     | 1370        | 0.236               |
| 411        | 1288    | 1872   | 83497 | <a href="#">Elisabete Moreira Assaf</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>catálise heterogênea   biocombustíveis   energia   hidrogênio   | 45      | 30          | 0.667               | 102       | 82          | 0.804               | 5743     | 2512        | 0.437               |
| 24         | 1289    | 1873   | 83516 | <a href="#">Eduardo SG Mizubuti</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant pathology   plant disease epidemiology   population biology of plant pathogens   fungicide resistance         | 45      | 24          | 0.533               | 109       | 73          | 0.670               | 5706     | 2388        | 0.419               |
| 61         | 1290    | 1874   | 83536 | <a href="#">Ruy Carlos Ruver Beck</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacotecnia   nanotecnologia   tecnologia farmacêutica                                  | 45      | 32          | 0.711               | 111       | 95          | 0.856               | 5670     | 3352        | 0.591               |
| 9          | 1291    | 1875   | 83555 | <a href="#">Renato Crespo Pereira</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia marinha   ecologia química marinha   produtos naturais marinhos   ecologia bêmica                               | 45      | 23          | 0.511               | 124       | 66          | 0.532               | 5633     | 2290        | 0.407               |

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| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 62         | 1292    | 1876   | 83564 | <a href="#">Isabel Tessaro</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> |  | 45      | 37          | 0.822               | 95        | 82          | 0.863               | 5615     | 4038        | 0.719               |
| 412        | 1293    | 1878   | 83616 | <a href="#">Sérgio De Albuquerque</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   anti parasitic drugs  | 45      | 23          | 0.511               | 118       | 71          | 0.602               | 5406     | 1826        | 0.338               |
| 63         | 1294    | 1879   | 83644 | <a href="#">Christianne Salbego</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Neuroquímica   Ensino   | 45      | 24          | 0.533               | 94        | 61          | 0.649               | 5277     | 1768        | 0.335               |
| 20         | 1295    | 1880   | 83652 | <a href="#">Ricardo Jaco De Oliveira</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | Brasilia   | 45      | 29          | 0.644               | 108       | 71          | 0.657               | 5195     | 2586        | 0.498               |
| 2          | 1296    | 1881   | 83710 | <a href="#">Jefferson Traebert</a>                      |  Brazil   | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia.   | 44      | 29          | 0.659               | 100       | 67          | 0.670               | 32525    | 21990       | 0.676               |
| 413        | 1297    | 1882   | 83741 | <a href="#">Carmen Barbas</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | Medicine   | 44      | 28          | 0.636               | 91        | 52          | 0.571               | 23317    | 10103       | 0.433               |
| 8          | 1298    | 1883   | 83755 | <a href="#">Hisao Takahashi</a>                         |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">INPE, Instituto Nacional de Pesquisas Espaciais</a><br>Geofísica espacial   Aeronomia  | 44      | 21          | 0.477               | 221       | 68          | 0.308               | 22510    | 15389       | 0.684               |
| 64         | 1299    | 1884   | 83863 | <a href="#">Luiz Gustavo Caçado</a>                     |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Raman   near-field optics   graphene   carbon nanotubes   2D materials   | 44      | 36          | 0.818               | 71        | 61          | 0.859               | 17417    | 8798        | 0.505               |
| 414        | 1300    | 1885   | 83870 | <a href="#">Gilberto De Castro Junior</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>Câncer   quimioterapia   câncer do pulmão   câncer de cabeça e pescoço   estudos clínicos                        | 44      | 37          | 0.841               | 114       | 92          | 0.807               | 17219    | 13342       | 0.775               |
| 415        | 1301    | 1886   | 83884 | <a href="#">Maurício Ibrahim Scanavacca</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia (Arritmias Cardíacas e Eletrofisiologia)   | 44      | 28          | 0.636               | 121       | 67          | 0.554               | 16704    | 7795        | 0.467               |
| 10         | 1302    | 1887   | 83949 | <a href="#">Bruce Walker Nelson</a>                     |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>     | <a href="#">Researcher, Professor, Ecology and Forest Science, INPA, National Institute for Amazon ...</a><br>Tropical Plant Ecology   Natural Forest Disturbance   Remote Sensing | 44      | 34          | 0.773               | 80        | 61          | 0.763               | 15180    | 7856        | 0.518               |
| 47         | 1303    | 1888   | 83980 | <a href="#">Paulo Buss</a>                              |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Professor de Saúde Global, Fundação oswaldo cruz</a><br>Saude global   diplomacia da saúde   saude coletiva   saude e sociedade  | 44      | 28          | 0.636               | 103       | 56          | 0.544               | 14409    | 4994        | 0.347               |

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| University  | Country | Region | World | Name                                 | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 416   | 1304    | 1889   | 83993 | <a href="#">Luciano Neder</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>NeuroPathology   Brain tumors   Extracellular Vesicles   Exosomes   Microvesicles                           | 44      | 27          | 0.614               | 116       | 77          | 0.664               | 14153    | 8228        | 0.581               |
| 58  | 1305    | 1892   | 84128 | <a href="#">Milton Cezar Ribeiro</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>landscape ecology   spatial ecology   ecological modelling   restoration ecology                              | 44      | 41          | 0.932               | 130       | 116         | 0.892               | 12531    | 7694        | 0.614               |
| 58  | 1306    | 1893   | 84147 | <a href="#">Rodrigo B Capaz</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   | 44      | 27          | 0.614               | 95        | 56          | 0.589               | 12348    | 5073        | 0.411               |
| 417   | 1307    | 1894   | 84292 | <a href="#">Manuela Vecchi</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Astroparticle physics  | 44      | 33          | 0.750               | 65        | 47          | 0.723               | 11337    | 6323        | 0.558               |
| 107   | 1308    | 1895   | 84304 | <a href="#">Dario Fiorentini</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Education / Education</a><br>Educação Matemática   Formação de Professores   Desenvolvimento Profissional   Pesquisa em Educação   Estado da Arte da Pesqu | 44      | 30          | 0.682               | 109       | 69          | 0.633               | 11237    | 4192        | 0.373               |
| 65  | 1309    | 1896   | 84311 | <a href="#">Daniella Bartholomeu</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica e biologia molecular de parasitos  | 44      | 29          | 0.659               | 93        | 76          | 0.817               | 11196    | 3785        | 0.338               |
| 418   | 1310    | 1898   | 84450 | <a href="#">Naercio Menezes</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>First interest: Systematics and biogeography of South American freshwater fishes.                             | 44      | 25          | 0.568               | 99        | 54          | 0.545               | 10634    | 2584        | 0.243               |
| 419   | 1311    | 1899   | 84547 | <a href="#">Marcio Martins</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Zoology   Conservation   Reptiles   Amphibians  | 44      | 29          | 0.659               | 100       | 70          | 0.700               | 10236    | 3660        | 0.358               |
| 5   | 1312    | 1901   | 84588 | <a href="#">NELSON WOLOSKER</a>      |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Full Professor from Hospital Israelita Albert Einstein Medical School</a><br>Cirurgia endovascular   hiperidrose   Claudicacao intermitente                | 44      | 25          | 0.568               | 173       | 115         | 0.665               | 10096    | 4413        | 0.437               |
| 33  | 1313    | 1902   | 84625 | <a href="#">Ruth Guinsburg</a>       |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>pediatria   neonatologia   reanimação   dor   | 44      | 30          | 0.682               | 139       | 88          | 0.633               | 9961     | 4448        | 0.447               |
| 420   | 1314    | 1903   | 84627 | <a href="#">Rodrigo Nemmen</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>High energy astrophysics   active galactic nuclei   accretion disks   black hole physics   relativistic jets             | 44      | 31          | 0.705               | 65        | 59          | 0.908               | 9961     | 4719        | 0.474               |
| 2   | 1315    | 1908   | 84754 | <a href="#">Suzana M Lobo</a>        |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>  | MEDICINA INTENSIVA   | 44      | 33          | 0.750               | 96        | 74          | 0.771               | 9524     | 6068        | 0.637               |

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| University  | Country | Region | World | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14  | 1316    | 1909   | 84757 | <a href="#">Henriette Monteiro Cordeiro De Azeredo</a>                       | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food packaging   nanotechnology   nanocomposites  | 44      | 38          | 0.864               | 90        | 76          | 0.844               | 9511     | 6184        | 0.650               |
| 421   | 1317    | 1910   | 84772 | <a href="#">Roberto Zatz</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia   | 44      | 20          | 0.455               | 97        | 48          | 0.495               | 9459     | 1574        | 0.166               |
| 4   | 1318    | 1911   | 84791 | <a href="#">Maria Elizabeth Bianconcini Trindade Morato Pinto De Almeida</a> | <br>Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>    | <a href="#">Education / Education</a><br>educação   tecnologias na educação   educação a distância   currículo e tecnologias   web currículo   | 44      | 27          | 0.614               | 124       | 60          | 0.484               | 9415     | 3222        | 0.342               |
| 422   | 1319    | 1914   | 84839 | <a href="#">Ana Flavia Pires Lucas D Oliveira</a>                            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medicida</a>   | 44      | 32          | 0.727               | 84        | 60          | 0.714               | 9286     | 3381        | 0.364               |
| 59  | 1320    | 1918   | 84911 | <a href="#">Marcia Dezotti</a>   | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Engineering &amp; Technology / Engineering</a><br>tratamento de efluentes   micropoluentes   processos biológicos   POA  | 44      | 32          | 0.727               | 96        | 78          | 0.813               | 9137     | 4033        | 0.441               |
| 423   | 1321    | 1920   | 84968 | <a href="#">Arnaldo Jose Hernandez</a>                                       | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Orthopedics   Sports Medicine   Knee Surgery   | 44      | 31          | 0.705               | 211       | 91          | 0.431               | 8980     | 3886        | 0.433               |
| 1   | 1322    | 1921   | 85104 | <a href="#">Marcio Roberto Teixeira Nunes</a>                                | <br>Brazil   | <a href="#">Evandro Chagas Institute</a>                                | <a href="#">Researcher in Public Health, Evandro Chagas Institute, Brazil</a><br>Arbovirology and zoonotic viruses   molecular epidemiology   genomic surveillance   virus discovery     | 44      | 29          | 0.659               | 107       | 82          | 0.766               | 8714     | 5381        | 0.618               |
| 8   | 1323    | 1922   | 85161 | <a href="#">Adriano Tort</a>   | <br>Brazil  | <a href="#">Universidade Federal do Rio Grande do Norte</a>             | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Computational Neuroscience  | 44      | 34          | 0.773               | 84        | 66          | 0.786               | 8618     | 4761        | 0.552               |
| 13  | 1324    | 1923   | 85200 | <a href="#">Miguel Abbate</a>  | <br>Brazil | <a href="#">Universidade Federal do Paraná</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   | 44      | 24          | 0.545               | 101       | 49          | 0.485               | 8560     | 1944        | 0.227               |
| 3   | 1325    | 1924   | 85267 | <a href="#">Messias Pereira</a>  | <br>Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Melhoramento de Plantas   Genética Quantitativa   Genética Molecular  | 44      | 23          | 0.523               | 216       | 119         | 0.551               | 8439     | 3170        | 0.376               |
| 21  | 1326    | 1925   | 85274 | <a href="#">Alberto Novaes Ramos Jr</a>                                      | <br>Brazil | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Social Epidemiology   Saúde Coletiva   Public Health   Health Inequalities   Neglected Tropical Diseases | 44      | 32          | 0.727               | 128       | 82          | 0.641               | 8432     | 4406        | 0.523               |



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| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 1327    | 1926   | 85279 | <a href="#">Flavia Rc Costa</a>   |  <a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>     | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a><br>functional ecology   forest dynamics   biogeography   spectrometry            | 44      | 36          | 0.818               | 91        | 77          | 0.846               | 8431     | 5332        | 0.632               |
| 9   | 1328    | 1928   | 85341 | <a href="#">Amauri Alcindo Alfieri</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Medical and Health Sciences / Virology</a><br>medicina veterinária   doenças infecciosas   virologia animal   biologia molecular | 44      | 29          | 0.659               | 198       | 123         | 0.621               | 8320     | 3786        | 0.455               |
| 1   | 1329    | 1929   | 85368 | <a href="#">Jerusa Simone Garcia</a><br>     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 44      | 24          | 0.545               | 149       | 63          | 0.423               | 8282     | 3031        | 0.366               |
| 424   | 1330    | 1930   | 85390 | <a href="#">Jose Carlos Maldonado</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>software engineering  | 44      | 21          | 0.477               | 164       | 54          | 0.329               | 8249     | 1720        | 0.209               |
| 66  | 1331    | 1931   | 85442 | <a href="#">Leda Vieira</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia de parasitos  | 44      | 26          | 0.591               | 133       | 85          | 0.639               | 8182     | 2663        | 0.325               |
| 64  | 1332    | 1932   | 85451 | <a href="#">Luigi Carro</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Informatica</a><br>low energy accelerators   embedded systems   low energy CNNs  | 44      | 22          | 0.500               | 188       | 65          | 0.346               | 8173     | 2196        | 0.269               |
| 425   | 1333    | 1933   | 85457 | <a href="#">Sandra Zákia Sousa</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Education / Education</a><br>Educação  | 44      | 28          | 0.636               | 132       | 78          | 0.591               | 8167     | 3330        | 0.408               |
| 15  | 1334    | 1934   | 85462 | <a href="#">Morsyleide De Freitas Rosa</a>  |  <a href="#">Brazil</a>  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Agroindústria Tropical</a><br>Biobased products   nanocellulose   bionanocomposites   Pickering emulsions                | 44      | 34          | 0.773               | 109       | 84          | 0.771               | 8158     | 5255        | 0.644               |
| 1   | 1335    | 1935   | 85475 | <a href="#">Guilherme Suarez-Kurtz</a><br> |  <a href="#">Brazil</a> | <a href="#">Instituto Nacional de Cancer</a>                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacogenetics                                     | 44      | 23          | 0.523               | 127       | 56          | 0.441               | 8145     | 2454        | 0.301               |
| 108   | 1336    | 1938   | 85541 | <a href="#">Juan Carlos Aneiros Fernandez</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">SaúColetivMédicasâ€!:</a><br>promoção da saúde   antropologia da saúde   socioantropologia da saúde                              | 44      | 23          | 0.523               | 182       | 71          | 0.390               | 8059     | 3019        | 0.375               |
| 3   | 1337    | 1940   | 85583 | <a href="#">Alessandra Gotuzo Seabra</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade Presbiteriana Mackenzie</a>            | <a href="#">Social Sciences / Psychology</a><br>Psicologia   | 44      | 30          | 0.682               | 170       | 88          | 0.518               | 8005     | 3100        | 0.387               |
| 48  | 1338    | 1943   | 85597 | <a href="#">Julio Croda</a>   |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Especialista da FIOCRUZ e Professor da FAMED/UFMS</a><br>tuberculosis   arboviroses   COVID-19                                   | 44      | 37          | 0.841               | 104       | 97          | 0.933               | 7988     | 6261        | 0.784               |



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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 67  | 1339    | 1944   | 85620 | <a href="#">Sylvia Guatimosim</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Physiology</a><br>cardiovascular   | 44      | 28          | 0.636               | 88        | 73          | 0.830               | 7964     | 2679        | 0.336               |
| 16  | 1340    | 1945   | 85624 | <a href="#">Ladislau Martin-Neto</a>           |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Pesquisador Embrapa Instrumentação</a><br>solos   matéria orgânica dos solos   substâncias húmicas   espectroscopias                     | 44      | 25          | 0.568               | 106       | 56          | 0.528               | 7960     | 2198        | 0.276               |
| 426   | 1341    | 1946   | 85652 | <a href="#">Naercio Menezes Filho</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   | 44      | 27          | 0.614               | 137       | 76          | 0.555               | 7929     | 3303        | 0.417               |
| 3   | 1342    | 1947   | 85674 | <a href="#">Marcia Regina Vitolo</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Pediatria  | 44      | 28          | 0.636               | 135       | 73          | 0.541               | 7911     | 3470        | 0.439               |
| 14  | 1343    | 1948   | 85686 | <a href="#">Emanuel Souza</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>fixação de nitrogênio   expressão gênica   genômica   transcriptômica   biodiversidade | 44      | 30          | 0.682               | 165       | 99          | 0.600               | 7894     | 3844        | 0.487               |
| 68  | 1344    | 1949   | 85696 | <a href="#">Marco A Romano Silva</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Neuroscience   Psychiatry  | 44      | 22          | 0.500               | 194       | 77          | 0.397               | 7875     | 2754        | 0.350               |
| 69  | 1345    | 1952   | 85846 | <a href="#">Maria Jose Campagnole Santos</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Physiology</a><br>Renin-angiotensin System   Cardiovascular   Neuromodulation   Inflammation               | 44      | 22          | 0.500               | 77        | 47          | 0.610               | 7699     | 2033        | 0.264               |
| 34  | 1346    | 1953   | 85885 | <a href="#">Rui MB Maciel</a>                  |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">PaulistMedicina</a><br>Thyroid Cancer   Multiple Endocrine Neoplasia   | 44      | 23          | 0.523               | 147       | 55          | 0.374               | 7669     | 2330        | 0.304               |
| 70  | 1347    | 1955   | 85914 | <a href="#">Ana Maria Caetano Faria</a>        |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 44      | 30          | 0.682               | 116       | 75          | 0.647               | 7630     | 2926        | 0.383               |
| 59  | 1348    | 1956   | 85984 | <a href="#">Raquel Fernandes Pupo Nogueira</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Chemistry                                    | 44      | 26          | 0.591               | 66        | 53          | 0.803               | 7553     | 2967        | 0.393               |
| 22  | 1349    | 1957   | 85999 | <a href="#">Telma Leda Gomes De Lemos</a>      |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Fitoquímica   Biotecnologia   | 44      | 25          | 0.568               | 160       | 79          | 0.494               | 7536     | 3196        | 0.424               |

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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3          | 1350    | 1958   | 86015 | <a href="#">Alexander Moreira Almeida</a>                   |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>        | <a href="#">Medical and Health Sciences / Psychiatry</a><br>spirituality   religion   psychiatry   medicine   mind-brain relationship | 44      | 29          | 0.659               | 90        | 70          | 0.778               | 7522     | 3574        | 0.475               |
| 7          | 1351    | 1959   | 86069 | <a href="#">Júlio Louzada</a>                               |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>              | <a href="#">Natural Sciences / Biological Science</a><br>conservation biology   insect ecology  | 44      | 31          | 0.705               | 99        | 73          | 0.737               | 7464     | 4495        | 0.602               |
| 3          | 1352    | 1960   | 86107 | <a href="#">Claudio Landim Landim</a>                       |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a> |   | 44      | 23          | 0.523               | 104       | 58          | 0.558               | 7422     | 2632        | 0.355               |
| 427        | 1353    | 1962   | 86151 | <a href="#">Julio Sérgio Marchini</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Nutrology   Medical Nutrition                    | 44      | 25          | 0.568               | 183       | 73          | 0.399               | 7379     | 2501        | 0.339               |
| 20         | 1354    | 1963   | 86159 | <a href="#">Adelar Bracht</a>                               |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                 |   | 44      | 35          | 0.795               | 204       | 105         | 0.515               | 7373     | 4051        | 0.549               |
| 12         | 1355    | 1964   | 86183 | <a href="#">Walter Kohan</a>                                |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>    | <a href="#">History, Philosophy, Theology / Philosophy</a><br>filosofia   educación   infancia  | 44      | 28          | 0.636               | 106       | 81          | 0.764               | 7352     | 3313        | 0.451               |
| 428        | 1356    | 1965   | 86194 | <a href="#">Claudia Da Costa Leite</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Radiology</a><br>Ressonancia magnetica   neuroradiologia                                    | 44      | 29          | 0.659               | 145       | 92          | 0.634               | 7342     | 3171        | 0.432               |
| 28         | 1357    | 1966   | 86215 | <a href="#">João Luiz Bastos João Luiz Dornelles Bastos</a> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Social Epidemiology                                   | 44      | 33          | 0.750               | 99        | 83          | 0.838               | 7311     | 4721        | 0.646               |
| 60         | 1358    | 1967   | 86249 | <a href="#">Daniela Sales Alviano Moreno</a>                |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Medical and Health Sciences / Microbiology</a>  | 44      | 32          | 0.727               | 91        | 73          | 0.802               | 7275     | 3403        | 0.468               |
| 4          | 1359    | 1968   | 86264 | <a href="#">Marcos Fabio Gadelha Rocha</a>                  |  Brazil | <a href="#">Universidade Estadual do Ceará</a>                   | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacologia   micologia  | 44      | 30          | 0.682               | 177       | 123         | 0.695               | 7257     | 3617        | 0.498               |
| 13         | 1360    | 1969   | 86287 | <a href="#">Claudia Leite De Moraes</a>                     |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Coletiva   Violência Familiar   | 44      | 27          | 0.614               | 97        | 67          | 0.691               | 7233     | 3118        | 0.431               |
| 429        | 1361    | 1972   | 86344 | <a href="#">Sylvio Canuto</a>                               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Physics</a><br>Modelagem Molecular e Química Quântica  | 44      | 19          | 0.432               | 177       | 58          | 0.328               | 7183     | 1621        | 0.226               |
| 430        | 1362    | 1974   | 86370 | <a href="#">Clélia Ferreira</a>                             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Enzimologia   Estrutura de proteínas   Secreção de enzimas.             | 44      | 20          | 0.455               | 99        | 42          | 0.424               | 7154     | 1607        | 0.225               |

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| University  | Country | Region | World | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 71  | 1363    | 1975   | 86376 | <a href="#">Luis A Aguirre</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Nonlinear system identification   nonlinear dynamics   networks   synchronization  | 44      | 23          | 0.523               | 128       | 65          | 0.508               | 7148     | 2171        | 0.304               |
| 4   | 1364    | 1976   | 86392 | <a href="#">Arie Fitzgerald Blank</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Sergipe UFS</a>             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Melhoramento genético de plantas   Recursos genéticos de plantas   Óleos essenciais          | 44      | 33          | 0.750               | 141       | 109         | 0.773               | 7133     | 4022        | 0.564               |
| 2   | 1365    | 1978   | 86413 | <a href="#">Luiz Claudio Santos Thuler</a> |  <a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Cancer</a>                    | <a href="#">Brazilian National Cancer Institute - INCA &amp; Federal University of Rio de Janeiro State ...</a><br>Clinical Epidemiology                             | 44      | 29          | 0.659               | 161       | 113         | 0.702               | 7115     | 3631        | 0.510               |
| 431   | 1366    | 1986   | 86666 | <a href="#">Luiz Pessenda</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Quaternary Climate and Vegetation Reconstructions</a><br>Late Quaternary climate - vegetation reconstructions and sea - level dynamics                   | 44      | 27          | 0.614               | 121       | 78          | 0.645               | 6907     | 2495        | 0.361               |
| 432   | 1367    | 1987   | 86710 | <a href="#">Rafael Stelmach</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">- Pulmonary Division - Heart Institute (InCor) - Hospital das Clínicas</a><br>Asthma   COPD   Bronchiectasis   Cystic Fibrosis & Implementation Science  | 44      | 35          | 0.795               | 113       | 87          | 0.770               | 6873     | 4702        | 0.684               |
| 433   | 1368    | 1988   | 86717 | <a href="#">Valeria Aoki</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>autoimmunity   pemphigus   atopic dermatitis  | 44      | 27          | 0.614               | 120       | 76          | 0.633               | 6868     | 3072        | 0.447               |
| 65  | 1369    | 1989   | 86726 | <a href="#">Charles Bonatto</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Astrofísica  | 44      | 23          | 0.523               | 134       | 59          | 0.440               | 6863     | 2143        | 0.312               |
| 35  | 1370    | 1990   | 86790 | <a href="#">Zoilo Pires De Camargo</a>     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | Paracoccidioides   Sporothrix   Sorologia   Proteômica   Imunoma   | 44      | 32          | 0.727               | 120       | 81          | 0.675               | 6814     | 3408        | 0.500               |
| 434   | 1371    | 1993   | 86907 | <a href="#">Adriano Garcia Chiarello</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>applied ecology   conservation biology   biodiversity   mammalogy   | 44      | 27          | 0.614               | 88        | 66          | 0.750               | 6731     | 2780        | 0.413               |
| 435   | 1372    | 1994   | 86909 | <a href="#">Antonio Condino Neto</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Human Immunology   Primary Immunodeficiency   Asthma   | 44      | 31          | 0.705               | 122       | 87          | 0.713               | 6729     | 4030        | 0.599               |
| 21  | 1373    | 1995   | 86911 | <a href="#">Gardênia Da Silva Abbad</a>    |  <a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Social Sciences / Psychology</a><br>Psicologia Organizacional e do Trabalho   Treinamento   Medidas   Ensino na Saúde   Desenho e gestão do teletrabalho | 44      | 26          | 0.591               | 103       | 74          | 0.718               | 6726     | 2435        | 0.362               |
| 61  | 1374    | 1998   | 86927 | <a href="#">Jean Remy Davee Guimaraes</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Biofisica Ambiental Rio Janeiro</a><br>biogeoquímica   limnologia   microbiologia   saúde pública  | 44      | 28          | 0.636               | 104       | 70          | 0.673               | 6709     | 2055        | 0.306               |
| 62  | 1375    | 1999   | 86954 | <a href="#">Christina Takiya</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology   Cancer   Renal Transplant   | 44      | 29          | 0.659               | 147       | 92          | 0.626               | 6692     | 3108        | 0.464               |

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| University | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 49         | 1376    | 2000   | 86965 | <a href="#">Claudia Codeço</a>                          |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Researcher of Fundação Oswaldo Cruz</a><br>quantitative ecology   population dynamics   transmissible diseases                    | 44      | 33          | 0.750               | 105       | 88          | 0.838               | 6685     | 4028        | 0.603               |
| 6          | 1377    | 2001   | 86969 | <a href="#">Kenneth J. Gollob</a>                       |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>              | <a href="#">Albert Einstein Israelite Hospital</a><br>Immunotherapy   Cancer   Immuno-oncology   Infectious Diseases   Parasitic Diseases     | 44      | 23          | 0.523               | 83        | 58          | 0.699               | 6681     | 1996        | 0.299               |
| 8          | 1378    | 2002   | 87023 | <a href="#">Thomaz Wood Jr</a>                          |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                     | <a href="#">Business &amp; Management / Marketing</a><br>Management   Organization Studies  | 44      | 24          | 0.545               | 85        | 45          | 0.529               | 6643     | 1648        | 0.248               |
| 22         | 1379    | 2004   | 87044 | <a href="#">Soraya Coelho Leal</a>                      |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 44      | 33          | 0.750               | 83        | 73          | 0.880               | 6626     | 4053        | 0.612               |
| 109        | 1380    | 2005   | 87049 | <a href="#">Haite Neto F</a>                            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Radiologia Odontológica  | 44      | 30          | 0.682               | 157       | 109         | 0.694               | 6622     | 3483        | 0.526               |
| 19         | 1381    | 2006   | 87085 | <a href="#">Marisa Narciso Fernandes</a>                |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   | 44      | 28          | 0.636               | 122       | 89          | 0.730               | 6596     | 2829        | 0.429               |
| 72         | 1382    | 2009   | 87196 | <a href="#">Mauro Henrique Abreu</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia  | 44      | 32          | 0.727               | 154       | 109         | 0.708               | 6492     | 3523        | 0.543               |
| 5          | 1383    | 2011   | 87242 | <a href="#">Roque Pacheco De Almeida</a>                |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>             | <a href="#">MedicinSergipe</a><br>Doenças infecciosas   Imunologia  | 44      | 26          | 0.591               | 95        | 65          | 0.684               | 6444     | 2358        | 0.366               |
| 436        | 1384    | 2012   | 87271 | <a href="#">Carmen Scochi</a>                           |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neonatology</a><br>Neonatologia   Aleitamento materno   Dor pediátrica   Humanização da assistência | 44      | 22          | 0.500               | 148       | 69          | 0.466               | 6419     | 1967        | 0.306               |
| 1          | 1385    | 2013   | 87314 | <a href="#">Cesario Bianchi</a>                         |  Brazil | <a href="#">Universidade do Mogi Das Cruzes UMC</a>             | medicine   cell biology   diet   atherosclerosis   cardiovascular disease   | 44      | 18          | 0.409               | 114       | 35          | 0.307               | 6382     | 1084        | 0.170               |
| 437        | 1386    | 2015   | 87348 | <a href="#">Arthur Guerra De Andrade</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Álcool   tabaco e outras drogas: prevenção   tratamento e epidemiologia           | 44      | 26          | 0.591               | 110       | 64          | 0.582               | 6352     | 2218        | 0.349               |
| 7          | 1387    | 2016   | 87408 | <a href="#">Reinaldo Almeida</a>                        |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Medical and Health Sciences / Physiology</a><br>Psicofarmacologia   etnofarmacologia  | 44      | 30          | 0.682               | 111       | 67          | 0.604               | 6293     | 2573        | 0.409               |
| 66         | 1388    | 2017   | 87424 | <a href="#">Nadia Cristina Valentini</a>                |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGS</a><br>Motor development   motor learning   risk factors   child development  | 44      | 32          | 0.727               | 117       | 91          | 0.778               | 6278     | 3463        | 0.552               |







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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 50  | 1389    | 2019   | 87457 | <a href="#">Elisa Cupolillo</a>              |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz</a>   | 44      | 26          | 0.591               | 104       | 62          | 0.596               | 6248     | 1943        | 0.311               |
| 63  | 1390    | 2020   | 87459 | <a href="#">Russolina B Zingali</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Proteomica   Bioquímica   Farmacologia   Biologia   Toxinologia   | 44      | 27          | 0.614               | 109       | 64          | 0.587               | 6246     | 2112        | 0.338               |
| 438   | 1391    | 2021   | 87463 | <a href="#">Ubiratan Fabres Machado</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia   Diabetes   | 44      | 25          | 0.568               | 118       | 82          | 0.695               | 6240     | 2467        | 0.395               |
| 10  | 1392    | 2022   | 87566 | <a href="#">Rubia Casagrande</a>             |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmaceutical Science  | 44      | 36          | 0.818               | 121       | 110         | 0.909               | 6154     | 4046        | 0.657               |
| 439   | 1393    | 2023   | 87576 | <a href="#">Susana Marta Isay Saad</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science and Technology   Food Microbiology  | 44      | 32          | 0.727               | 85        | 74          | 0.871               | 6148     | 3119        | 0.507               |
| 60  | 1394    | 2024   | 87620 | <a href="#">Wagner C Valenti</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Aquaculture Sustainability Prawn Farming Bioeconomy Circular Economy </a><br>Aquaculture   Sustainability   Prawn Farming   Bioeconomy   Circular Economy | 44      | 27          | 0.614               | 122       | 82          | 0.672               | 6112     | 2832        | 0.463               |
| 21  | 1395    | 2026   | 87664 | <a href="#">Carlos Fernando Mello</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | epilepsy   neuroinflammation   learning   memory  | 44      | 21          | 0.477               | 123       | 69          | 0.561               | 6069     | 2312        | 0.381               |
| 5   | 1396    | 2027   | 87676 | <a href="#">Eliana Zandonade</a>             |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Natural Sciences / Mathematics</a><br>Estatística   Bioestatística   Epidemiologia  | 44      | 30          | 0.682               | 134       | 104         | 0.776               | 6055     | 3224        | 0.532               |
| 21  | 1397    | 2028   | 87778 | <a href="#">João Carlos Palazzo De Mello</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacognosia   Plantas Medicinais  | 44      | 27          | 0.614               | 107       | 84          | 0.785               | 5969     | 3185        | 0.534               |
| 1   | 1398    | 2030   | 87823 | <a href="#">Renato Moreira</a>               |  Brazil | <a href="#">Universidade de Fortaleza UNIFOR</a>                       | <a href="#">MedicasFortaleza</a><br>Biotecnologia de polissacarídeos e proteínas voltados para a área da nutrição e cicatrização de feridas cutâneas                  | 44      | 26          | 0.591               | 109       | 59          | 0.541               | 5927     | 2196        | 0.371               |
| 440   | 1399    | 2033   | 87881 | <a href="#">Benedito H Machado</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>cardiovascular physiology   neuroscience   respiratory physiology   astrocytes   synaptic transmission    | 44      | 22          | 0.500               | 134       | 56          | 0.418               | 5866     | 1675        | 0.286               |
| 110   | 1400    | 2034   | 87930 | <a href="#">Munir S Skaf</a>                 |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Theoretical Chemistry   Molecular Dynamics Simulations   Proteins   Nanomaterials   Liquids                   | 44      | 25          | 0.568               | 92        | 60          | 0.652               | 5805     | 2745        | 0.473               |



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| University  | Country | Region | World | Name                                       | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 67  | 1401    | 2036   | 87946 | <a href="#">Adriana Wagner</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Familia e Casal   Teoria Sistematica   Terapia Familiar  | 44      | 29          | 0.659               | 92        | 69          | 0.750               | 5797     | 2202        | 0.380               |
| 29  | 1402    | 2037   | 88064 | <a href="#">Alcir Luiz Dafre</a>           |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Comparative Biochemistry and Physiology   Redox Biology   Antioxidant Defenses   Glutathione   Methylglyoxal   | 44      | 27          | 0.614               | 96        | 66          | 0.688               | 5627     | 2169        | 0.385               |
| 6   | 1403    | 2038   | 88089 | <a href="#">Anselmo Frizera Neto</a>       |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Bioengineering   Rehabilitation Robotics   Electrical Engineering                   | 44      | 41          | 0.932               | 132       | 115         | 0.871               | 5597     | 4764        | 0.851               |
| 61  | 1404    | 2039   | 88128 | <a href="#">Denise Palomari Spolidorio</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Microbiologia   Bactérias cariogênicas   Periodontopatógenos                             | 44      | 28          | 0.636               | 114       | 69          | 0.605               | 5530     | 2382        | 0.431               |
| 17  | 1405    | 2040   | 88131 | <a href="#">Carlos Bloch Jr</a>            |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Chemistry   NMR   Protein Chemistry   Peptides                          | 44      | 22          | 0.500               | 106       | 57          | 0.538               | 5527     | 1606        | 0.291               |
| 73  | 1406    | 2042   | 88154 | <a href="#">Rosa Maria Esteves Arantes</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>human biology   polar medicine and physiology   humanities   neurosciences   microbiology | 44      | 26          | 0.591               | 97        | 68          | 0.701               | 5502     | 2022        | 0.368               |
| 441   | 1407    | 2044   | 88185 | <a href="#">Adalgisa R De Andrade</a>      |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">History, Philosophy, Theology / Philosophy</a><br>electrochemistry   electrocatalysis   fuel cell   biofuel cell                         | 44      | 27          | 0.614               | 104       | 77          | 0.740               | 5454     | 2410        | 0.442               |
| 14  | 1408    | 2045   | 88187 | <a href="#">Patricia Cristina Lisboa</a>   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Endocrinologia   Nutrição   Obesidade   Tireoide                            | 44      | 23          | 0.523               | 137       | 81          | 0.591               | 5452     | 2112        | 0.387               |
| 74  | 1409    | 2049   | 88325 | <a href="#">Eduardo A Oliveira</a>         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pediatric Nephrology</a><br>Pediatric Nephrology   Urology   | 44      | 25          | 0.568               | 102       | 69          | 0.676               | 5066     | 2184        | 0.431               |
| 5   | 1410    | 2050   | 88354 | <a href="#">Jose Henrique Leal Cardoso</a> |  Brazil | <a href="#">Universidade Estadual do Ceará</a>                         | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   Pharmacology   Neuroscience   Diabetes   essential oil                      | 44      | 23          | 0.523               | 103       | 74          | 0.718               | 4883     | 1860        | 0.381               |
| 20  | 1411    | 2051   | 88363 | <a href="#">José Eduardo Spinelli</a>      |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">SÃOCarlos</a><br>Solidification of metals and alloys   undercooling   nucleation   mechanical properties   corrosion behavior            | 44      | 26          | 0.591               | 118       | 97          | 0.822               | 4748     | 2477        | 0.522               |
| 442   | 1412    | 2052   | 88423 | <a href="#">Daniela Tirapelli</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>oncologia molecular   neurociências   biologia molecular                           | 43      | 41          | 0.953               | 76        | 66          | 0.868               | 30231    | 28120       | 0.930               |

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| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 1413    | 2053   | 88495 | <a href="#">James Almada Da Silva</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Sergipe UFS</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Immunology   cell biology   | 43      | 35          | 0.814               | 66        | 59          | 0.894               | 20596    | 11069       | 0.537               |
| 4   | 1414    | 2054   | 88529 | <a href="#">Leandro Nunes De Castro</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Presbiteriana Mackenzie</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Natural Computing   Machine Learning   Data Science  | 43      | 26          | 0.605               | 122       | 52          | 0.426               | 18869    | 3388        | 0.180               |
| 111   | 1415    | 2055   | 88533 | <a href="#">Daniel Mario Ugarte</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Physics</a><br>condensed matter physics  | 43      | 18          | 0.419               | 82        | 37          | 0.451               | 18657    | 2155        | 0.116               |
| 443   | 1416    | 2056   | 88547 | <a href="#">Gerd Sparovek</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">da UniversidSão Paulo</a><br>Desenvolvimento agrícola e conservação   | 43      | 30          | 0.698               | 115       | 70          | 0.609               | 18188    | 12587       | 0.692               |
| 112   | 1417    | 2057   | 88629 | <a href="#">Roxane Rojo</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Social Sciences / Linguistics and Literature</a><br>language teaching   textbooks   literacies   new literacies   multiliteracies   | 43      | 27          | 0.628               | 71        | 47          | 0.662               | 15716    | 7359        | 0.468               |
| 444   | 1418    | 2058   | 88634 | <a href="#">Marta Angélica Iossi Silva</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Ribairão Preto</a><br>Saúde do Adolescente   Violência Escolar   Promoção da Saúde na Educação Básica   | 43      | 33          | 0.767               | 189       | 117         | 0.619               | 15595    | 9434        | 0.605               |
| 6   | 1419    | 2059   | 88641 | <a href="#">Laerte Ferreira</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Goiás UFG</a>           | <a href="#">IESUniversidGoiás</a><br>Sensoriamento Remoto   Geoprocessamento   Cerrado  | 43      | 31          | 0.721               | 98        | 64          | 0.653               | 15434    | 7604        | 0.493               |
| 30  | 1420    | 2060   | 88676 | <a href="#">Ilse Maria Beuren</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Sistemas de Controle Gerencial   Contabilidade Gerencial   Management Control Systems   Management Accounting   Controllership | 43      | 26          | 0.605               | 201       | 130         | 0.647               | 14663    | 5985        | 0.408               |
| 113   | 1421    | 2062   | 88739 | <a href="#">Roy Bruns</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>espectroscopia molecular   quimica teorica   quimiometria   | 43      | 22          | 0.512               | 182       | 64          | 0.352               | 13577    | 4300        | 0.317               |
| 445   | 1422    | 2063   | 88811 | <a href="#">Ana Fani Alessandri Carlos</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Geography</a><br>geografia urbana   geografia humana   urbanismo   planejamento  | 43      | 26          | 0.605               | 83        | 54          | 0.651               | 12630    | 4092        | 0.324               |
| 446   | 1423    | 2065   | 88877 | <a href="#">Katia Ramos Moreira Leite</a>    |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia  | 43      | 25          | 0.581               | 170       | 87          | 0.512               | 12063    | 5501        | 0.456               |
| 447   | 1424    | 2067   | 88916 | <a href="#">Maria Laura Da Costa Louzada</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">NúcleoEpidemiológicasNutriãoeSaúde</a>  | 43      | 41          | 0.953               | 70        | 64          | 0.914               | 11726    | 10604       | 0.904               |
| 51  | 1425    | 2072   | 89135 | <a href="#">Luiz Carlos Júnior Alcantara</a> |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomic   molecular epidemiology   genomic surveillance   virology   | 43      | 34          | 0.791               | 106       | 80          | 0.755               | 10416    | 7999        | 0.768               |



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| University | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 31         | 1426    | 2074   | 89286 | <a href="#">Paulo A Cauchick Miguel</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">UFSC</a><br>Product development management   product-service systems   quality management   inovacion   environmental sustainability   | 43      | 33          | 0.767               | 146       | 86          | 0.589               | 9879     | 5168        | 0.523               |
| 448        | 1427    | 2075   | 89297 | <a href="#">Luiz Aparecido Bortolotto</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Clínica Hipertensão</a>  | 43      | 31          | 0.721               | 118       | 88          | 0.746               | 9830     | 4562        | 0.464               |
| 449        | 1428    | 2076   | 89312 | <a href="#">Roberto Oliveira Dantas</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Medicina   Gastroenterologia   Disfagia   Motilidade Digestiva   Deglutição  | 43      | 24          | 0.558               | 141       | 52          | 0.369               | 9777     | 3218        | 0.329               |
| 68         | 1429    | 2077   | 89384 | <a href="#">Fernando Neves Hugo</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Dental Public Health   Oral Epidemiology   Oral Health   Geriatric Dentistry   Global Oral Health                                    | 43      | 33          | 0.767               | 102       | 88          | 0.863               | 9555     | 7419        | 0.776               |
| 450        | 1430    | 2079   | 89492 | <a href="#">Laerte Sodre Jr</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>astrofísica extragaláctica   cosmologia observacional  | 43      | 26          | 0.605               | 94        | 60          | 0.638               | 9266     | 3865        | 0.417               |
| 451        | 1431    | 2081   | 89547 | <a href="#">Wilson Araujo Silva Jr</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Human Genetics   Genomics   and Cancer Genetics   | 43      | 26          | 0.605               | 128       | 79          | 0.617               | 9096     | 2819        | 0.310               |
| 52         | 1432    | 2082   | 89589 | <a href="#">Andre Siqueira</a>                           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Instituto Nacional de Infectologia - Fiocruz</a><br>Tropical Medicine   Malaria   Acute Febrile Illness   Arbovirus   Chikungunya  | 43      | 34          | 0.791               | 87        | 82          | 0.943               | 9009     | 6219        | 0.690               |
| 452        | 1433    | 2083   | 89638 | <a href="#">Carlos Henrique Tomich De Paula Da Silva</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Medicinal   Química Computacional   Drug design  | 43      | 28          | 0.651               | 188       | 103         | 0.548               | 8878     | 3709        | 0.418               |
| 53         | 1434    | 2084   | 89738 | <a href="#">Ortrud Monika Barth</a>                      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Researcher Instituto Oswaldo Cruz - Fiocruz</a><br>Palynology  | 43      | 25          | 0.581               | 179       | 77          | 0.430               | 8670     | 2864        | 0.330               |
| 453        | 1435    | 2087   | 89788 | <a href="#">Luiz Carlos De Abreu</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | Metodologia Científica   Escrita Científica e Epidemiologia  | 43      | 32          | 0.744               | 247       | 164         | 0.664               | 8587     | 5376        | 0.626               |
| 15         | 1436    | 2088   | 89806 | <a href="#">Luciana Porto De Souza Vandenberghe</a>      |  Brazil | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Bioprocess Engineering and Biotechnology</a><br>Biorefinery   Industrial Enzymes   Biopolymers   Biofuels   Bioproducts  | 43      | 36          | 0.837               | 116       | 92          | 0.793               | 8564     | 5188        | 0.606               |
| 3          | 1437    | 2089   | 89898 | <a href="#">Antonio Mn Lima</a>                          |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Máquinas Elétricas e Acionamentos Elétricos   Instrumentação Eletrônica   Sistemas de Controle   Identificação de Sistemas | 43      | 21          | 0.488               | 168       | 53          | 0.315               | 8382     | 1968        | 0.235               |
| 16         | 1438    | 2091   | 89944 | <a href="#">Patricio Peralta Zamora</a>                  |  Brazil | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental sciences   | 43      | 22          | 0.512               | 121       | 71          | 0.587               | 8305     | 2454        | 0.295               |
| 454        | 1439    | 2094   | 90031 | <a href="#">Sonia Tucunduva Philippi</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e Dietética  | 43      | 26          | 0.605               | 111       | 68          | 0.613               | 8169     | 2709        | 0.332               |

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| University  | Country | Region | World | Name                                       | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 1440    | 2097   | 90081 | <a href="#">Claudio R Leles</a>            | <br>Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Ciências da Saúde  | 43      | 29          | 0.674               | 127       | 95          | 0.748               | 8113     | 4808        | 0.593               |
| 62  | 1441    | 2098   | 90120 | <a href="#">Marlus Chorilli</a>            | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Tecnologia Farmacêutica   | 43      | 38          | 0.884               | 172       | 159         | 0.924               | 8051     | 6641        | 0.825               |
| 23  | 1442    | 2099   | 90159 | <a href="#">Marcelo Hermes Lima</a>        | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Free Radicals   Biology  | 43      | 24          | 0.558               | 71        | 43          | 0.606               | 7999     | 2341        | 0.293               |
| 455   | 1443    | 2101   | 90265 | <a href="#">José Bento Sterman Ferraz</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e Melhoramento Animal   Marcadores Genéticos  | 43      | 25          | 0.581               | 169       | 94          | 0.556               | 7862     | 3145        | 0.400               |
| 456   | 1444    | 2102   | 90297 | <a href="#">Ernani Pinto</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | biogeochemistry   microbiology   agronomy   agriculture   water treatment   | 43      | 27          | 0.628               | 103       | 80          | 0.777               | 7822     | 3358        | 0.429               |
| 457   | 1445    | 2103   | 90385 | <a href="#">Alexander Turra</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |   | 43      | 32          | 0.744               | 157       | 115         | 0.732               | 7729     | 5621        | 0.727               |
| 114   | 1446    | 2104   | 90395 | <a href="#">Bruno Daniel</a>               | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>Astroparticle physics   particle detectors  | 43      | 34          | 0.791               | 66        | 58          | 0.879               | 7719     | 4953        | 0.642               |
| 69  | 1447    | 2105   | 90408 | <a href="#">Carlos T Formoso</a>           | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Construction management   Production management   Product development   Safety Management   Lean Construction | 43      | 29          | 0.674               | 178       | 100         | 0.562               | 7705     | 3439        | 0.446               |
| 4   | 1448    | 2106   | 90424 | <a href="#">Tania Cristina Pithon Curi</a> | <br>Brazil  | <a href="#">Universidade Cruzeiro do Sul</a>                           | Sistema Imune Fisiologia do Exercício   | 43      | 25          | 0.581               | 105       | 65          | 0.619               | 7685     | 3379        | 0.440               |
| 458   | 1449    | 2107   | 90440 | <a href="#">João Atilio Jorge</a>          | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Fisiologia de fungos   Bioquímica de microrganismos  | 43      | 24          | 0.558               | 149       | 83          | 0.557               | 7664     | 2648        | 0.346               |
| 115   | 1450    | 2108   | 90451 | <a href="#">Dennys Cintra</a>              | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Biologia molecular   Nutrigenômica   Nutrigenética   Obesidade   Diabetes                                | 43      | 32          | 0.744               | 104       | 96          | 0.923               | 7647     | 3958        | 0.518               |
| 1   | 1451    | 2109   | 90475 | <a href="#">Suzelei Franca</a>             | <br>Brazil | <a href="#">Universidade de Ribeirão Preto UNAERP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>biotecnologia   biologia molecular   química de produtos naturais  | 43      | 25          | 0.581               | 143       | 71          | 0.497               | 7627     | 2322        | 0.304               |
| 32  | 1452    | 2110   | 90509 | <a href="#">Rubens Nodari</a>              | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Biodiversity Conservation   Plant breeding   Acca sellowiana   Biosafety                        | 43      | 26          | 0.605               | 143       | 76          | 0.531               | 7601     | 2598        | 0.342               |

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| University  | Country | Region | World | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 63  | 1453    | 2111   | 90537 | <a href="#">Roberto Carlos Burini</a>             | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Metabolismo   exercício físico   Saúde Pública   | 43      | 25          | 0.581               | 144       | 66          | 0.458               | 7562     | 2679        | 0.354               |
| 1   | 1454    | 2112   | 90588 | <a href="#">Sidney Emanuel Batista Dos Santos</a> | <br>Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Medical Genetics   Population Genetics  | 43      | 25          | 0.581               | 194       | 95          | 0.490               | 7512     | 2915        | 0.388               |
| 70  | 1455    | 2113   | 90657 | <a href="#">Sergio Ribeiro Teixeira</a>           | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>Physics   Chemistry   Materials Science   Engeneering  | 43      | 28          | 0.651               | 107       | 70          | 0.654               | 7412     | 2125        | 0.287               |
| 459   | 1456    | 2116   | 90732 | <a href="#">Gustavo Burdman</a>                   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   Physics Beyond the Standard Model   | 43      | 16          | 0.372               | 65        | 22          | 0.338               | 7325     | 944         | 0.129               |
| 4   | 1457    | 2117   | 90764 | <a href="#">José Luis Luque</a>                   | <br>Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Fish Parasitology   Parasite ecology   | 43      | 25          | 0.581               | 195       | 98          | 0.503               | 7302     | 2960        | 0.405               |
| 460   | 1458    | 2120   | 90947 | <a href="#">Antonio Ruffino Netto</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Social Sciences</a><br>Epidemiology   Pneumology   Tuberculosis  | 43      | 21          | 0.488               | 157       | 58          | 0.369               | 7125     | 1915        | 0.269               |
| 461   | 1459    | 2123   | 90996 | <a href="#">Carlos Arturo Navas</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Ecofisiologia   Herpetologia   Fisiologia Comparada   Fisiologia evolutiva   Biologia da conservação               | 43      | 29          | 0.674               | 100       | 79          | 0.790               | 7083     | 3097        | 0.437               |
| 64  | 1460    | 2124   | 91018 | <a href="#">Claudio Lenz Cesar</a>                | <br>Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Social Sciences / Psychology</a><br>Atomic Physics   Anti-Atomic Physics   Fundamental Tests of Physics  | 43      | 19          | 0.442               | 74        | 30          | 0.405               | 7065     | 1803        | 0.255               |
| 21  | 1461    | 2126   | 91184 | <a href="#">Júlio Cesar De Rose</a>               | <br>Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Social Sciences / Psychology</a><br>Experimental Analysis of Behavior   Applied Behavior Analysis  | 43      | 25          | 0.581               | 115       | 76          | 0.661               | 6919     | 2349        | 0.339               |
| 75  | 1462    | 2127   | 91189 | <a href="#">Pablo Juan Greco</a>                  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">UFMG</a><br>jogos esportivos coletivos   processos cognitivos   conhecimento tático declarativo e processual   tomada de decisão   metodologia ensino dos esportes | 43      | 28          | 0.651               | 142       | 86          | 0.606               | 6917     | 3047        | 0.441               |
| 65  | 1463    | 2129   | 91213 | <a href="#">Susana Frases</a>                     | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biophysics</a><br>Micologia   Polissacarídeo   | 43      | 33          | 0.767               | 84        | 78          | 0.929               | 6899     | 3605        | 0.523               |
| 76  | 1464    | 2130   | 91265 | <a href="#">Ana Paula Salles Moura Fernandes</a>  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>Biologia Molecular   vacinologia   tratamento   diagnostico   leishmaniose                                       | 43      | 26          | 0.605               | 131       | 83          | 0.634               | 6858     | 3372        | 0.492               |

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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9          | 1465    | 2132   | 91296 | <a href="#">Benjamin Bedregal</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">RioGrandeNorte</a><br>Teoria da Computação   Lógica   Inteligência Artificial   sistemas fuzzy                                      | 43      | 33          | 0.767               | 137       | 96          | 0.701               | 6839     | 4415        | 0.646               |
| 64         | 1466    | 2133   | 91300 | <a href="#">Denise C Rossa Feres</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de comunidades   Ecologia Teórica   Diversidade e Conservação   Comportamento | 43      | 26          | 0.605               | 108       | 70          | 0.648               | 6835     | 2449        | 0.358               |
| 116        | 1467    | 2134   | 91330 | <a href="#">Daniel Martins De Souza</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>proteomics   mass spectrometry   schizophrenia   psychiatry              | 43      | 30          | 0.698               | 135       | 99          | 0.733               | 6811     | 3696        | 0.543               |
| 65         | 1468    | 2135   | 91335 | <a href="#">Sergio Alberto Rupp De Paiva</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Cardiologia   | 43      | 22          | 0.512               | 138       | 67          | 0.486               | 6808     | 2773        | 0.407               |
| 462        | 1469    | 2136   | 91344 | <a href="#">Luis Carlos De Souza Ferreira</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>vacinas   microbiologia   | 43      | 29          | 0.674               | 167       | 88          | 0.527               | 6801     | 3438        | 0.506               |
| 463        | 1470    | 2137   | 91371 | <a href="#">Lusânia Maria Greggi Antunes</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>mutagênese   nutrigenômica   toxicologia                | 43      | 30          | 0.698               | 121       | 89          | 0.736               | 6776     | 2955        | 0.436               |
| 23         | 1471    | 2138   | 91377 | <a href="#">Ronaldo Ferreira Do Nascimento</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                          | metodos cromatográficos   adsorção de poluentes   processos oxidativos avançados  | 43      | 28          | 0.651               | 137       | 90          | 0.657               | 6774     | 3735        | 0.551               |
| 117        | 1472    | 2139   | 91477 | <a href="#">Rosana Onocko Campos</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">MédicasUnicamp</a><br>Saúde coletiva   saúde mental   avaliação de programas e serviços   | 43      | 32          | 0.744               | 113       | 76          | 0.673               | 6703     | 3119        | 0.465               |
| 77         | 1473    | 2143   | 91530 | <a href="#">Enrico Antonio Colosimo</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Statistics</a><br>survival analysis   biostatistics  | 43      | 23          | 0.535               | 115       | 65          | 0.565               | 6659     | 2044        | 0.307               |
| 464        | 1474    | 2144   | 91580 | <a href="#">Marly Babinski</a>                          |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Isotope Geology  | 43      | 30          | 0.698               | 114       | 77          | 0.675               | 6620     | 2856        | 0.431               |
| 465        | 1475    | 2145   | 91615 | <a href="#">Luís Reynaldo Ferracciú Alleoni</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química do Solo   Fertilidade do Solo   Adubação        | 43      | 28          | 0.651               | 135       | 86          | 0.637               | 6601     | 2903        | 0.440               |
| 71         | 1476    | 2146   | 91636 | <a href="#">Daniel Pens Gelain</a>                      |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   biochemistry   | 43      | 33          | 0.767               | 143       | 100         | 0.699               | 6588     | 3814        | 0.579               |

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| University  | Country | Region | World | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 1477    | 2147   | 91663 | <a href="#">Renato Zanella</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>GC-MS/MS   UHPLC-MS/MS   agrotóxicos   PPCPs   medicamentos de uso veterinário   | 43      | 33          | 0.767               | 144       | 110         | 0.764               | 6572     | 3686        | 0.561               |
| 118   | 1478    | 2148   | 91681 | <a href="#">Marcos J Rider</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power systems   Electric Power Systems   Electrical Energy Systems   Sistemas de Potência   Sistemas de Energia Elétrica | 43      | 36          | 0.837               | 98        | 75          | 0.765               | 6554     | 3809        | 0.581               |
| 7   | 1479    | 2152   | 91721 | <a href="#">Eduardo De Sá Mendonça</a>      | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Espírito Santo</a>                 | SOLOS  | 43      | 26          | 0.605               | 132       | 86          | 0.652               | 6518     | 2431        | 0.373               |
| 66  | 1480    | 2153   | 91730 | <a href="#">Marco Aurelio Pizo</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Seed dispersal and frugivory   bird ecology and behavior   | 43      | 31          | 0.721               | 107       | 75          | 0.701               | 6507     | 3160        | 0.486               |
| 2   | 1481    | 2155   | 91761 | <a href="#">Leonardo José Gil Barcellos</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Passo Fundo</a>                            | <a href="#">Aqüicultura/fisiologia peixes/comportamento peixes </a><br>Aqüicultura   fisiologia de peixes   comportamento de peixes  | 43      | 33          | 0.767               | 116       | 98          | 0.845               | 6486     | 3638        | 0.561               |
| 119   | 1482    | 2156   | 91764 | <a href="#">Simonides Consani</a>           | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais dentários   | 43      | 23          | 0.535               | 134       | 63          | 0.470               | 6485     | 1984        | 0.306               |
| 67  | 1483    | 2157   | 91788 | <a href="#">Sebastião Gobbi</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Sport Science</a><br>Physical Education   Exercise   Health  | 43      | 28          | 0.651               | 98        | 60          | 0.612               | 6468     | 2309        | 0.357               |
| 8   | 1484    | 2159   | 91843 | <a href="#">Soraia Borges</a>               | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">EmbalagensProjetosUniversidaLavras</a><br>secagem   embalagem   processamento de frutas   extração solido-liquido  | 43      | 37          | 0.860               | 131       | 97          | 0.740               | 6424     | 4239        | 0.660               |
| 78  | 1485    | 2160   | 91852 | <a href="#">Sergio Teixeira Da Fonseca</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Rehabilitation   Physical Therapy   | 43      | 28          | 0.651               | 111       | 79          | 0.712               | 6418     | 3055        | 0.476               |
| 466   | 1486    | 2161   | 91867 | <a href="#">Eduardo Ferreira Borba Neto</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   | 43      | 29          | 0.674               | 111       | 80          | 0.721               | 6402     | 2695        | 0.421               |
| 72  | 1487    | 2162   | 91905 | <a href="#">Paulo Belmonte De Abreu</a>     | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Esquizofrenia   Déficit de Atenção   Neuromodulação   Diretrizes de Tratamento   Psicoses  | 43      | 22          | 0.512               | 117       | 68          | 0.581               | 6380     | 1997        | 0.313               |



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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 68  | 1488    | 2163   | 91916 | <a href="#">Flávio Ruas Moraes</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Ictiopatologia  | 43      | 23          | 0.535               | 136       | 64          | 0.471               | 6370     | 2063        | 0.324               |
| 9   | 1489    | 2164   | 91926 | <a href="#">Carlos Rogério De Mello</a>           |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>hidrologia   conservação do solo e da água   climatologia   geoestatística | 43      | 31          | 0.721               | 151       | 114         | 0.755               | 6364     | 3564        | 0.560               |
| 467   | 1490    | 2167   | 91974 | <a href="#">João Renato Rebello Pinho</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo &amp; Hospital Israelita Albert Einstein</a><br>Molecular Pathology   Virology   Hepatology   COVID-19   Hepatitis   | 43      | 27          | 0.628               | 151       | 84          | 0.556               | 6331     | 3080        | 0.486               |
| 54  | 1491    | 2168   | 91976 | <a href="#">Cleber Galvão</a>                     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Oswaldo Cruz Institute</a><br>Taxonomy  | 43      | 25          | 0.581               | 104       | 52          | 0.500               | 6331     | 2468        | 0.390               |
| 468   | 1492    | 2170   | 91996 | <a href="#">Marcelo Nicolas Muscara</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacology</a>  | 43      | 23          | 0.535               | 125       | 55          | 0.440               | 6318     | 1817        | 0.288               |
| 17  | 1493    | 2171   | 92053 | <a href="#">Evandro Piva</a>                      |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>dental materials   adhesive systems   tissue engineering   biomaterials                  | 43      | 30          | 0.698               | 132       | 101         | 0.765               | 6278     | 3735        | 0.595               |
| 469   | 1494    | 2173   | 92065 | <a href="#">Maria Urbana Pinto Brandão Rondon</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a><br>Exercício e doença cardiovascular e controle neurovascular em doenças cardiovasculares                        | 43      | 23          | 0.535               | 82        | 51          | 0.622               | 6272     | 1778        | 0.283               |
| 23  | 1495    | 2176   | 92126 | <a href="#">Berta Maria Heinzmann</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Produtos do metabolismo vegetal secundário e suas aplicações</a><br>Produtos do metabolismo vegetal secundário e suas aplicações        | 43      | 35          | 0.814               | 120       | 105         | 0.875               | 6216     | 3869        | 0.622               |
| 1   | 1496    | 2179   | 92164 | <a href="#">Marcelo Henrique Napimoga</a>         |  Brazil | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>           | <a href="#">Medical and Health Sciences / Immunology</a><br>Dentistry   Immunology   Inflammation   Bone   epoxide Hydrolase                        | 43      | 28          | 0.651               | 124       | 93          | 0.750               | 6185     | 3279        | 0.530               |
| 1   | 1497    | 2180   | 92183 | <a href="#">Hercílio Martelli Júnior</a>          |  Brazil | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Estomatologia e Genética Clínica   | 43      | 27          | 0.628               | 137       | 95          | 0.693               | 6170     | 3290        | 0.533               |
| 2   | 1498    | 2181   | 92204 | <a href="#">Maria Das Graças Cardoso</a>          |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Qualidade de Cachaça         | 43      | 29          | 0.674               | 147       | 99          | 0.673               | 6158     | 3191        | 0.518               |
| 470   | 1499    | 2182   | 92264 | <a href="#">Maria De Fatima Andrade</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Air Pollution Atmospheric Aerosols </a><br>Air Pollution   Atmospheric Aerosols   | 43      | 35          | 0.814               | 127       | 95          | 0.748               | 6113     | 3726        | 0.610               |

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| University | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 471        | 1500    | 2183   | 92271 | <a href="#">Heitor Franco De Andrade Junior</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a>   | 43      | 23          | 0.535               | 103       | 57          | 0.553               | 6109     | 2891        | 0.473               |
| 24         | 1501    | 2184   | 92276 | <a href="#">Edson Luiz Foletto</a>                      |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>síntese e aplicação de materiais  | 43      | 35          | 0.814               | 144       | 124         | 0.861               | 6102     | 4462        | 0.731               |
| 66         | 1502    | 2186   | 92344 | <a href="#">Maria Alice Zarur Coelho</a>                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Bioquímica   biotecnologia  | 43      | 26          | 0.605               | 98        | 69          | 0.704               | 6056     | 2903        | 0.479               |
| 73         | 1503    | 2187   | 92363 | <a href="#">Maria Goreti R Vale</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>Atomic absorption   GF AAS   HR-CS AAS   | 43      | 21          | 0.488               | 108       | 69          | 0.639               | 6043     | 1658        | 0.274               |
| 69         | 1504    | 2188   | 92399 | <a href="#">Raghuvir Arni</a>                           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Structural Biology   Crystallography   NMR   | 43      | 22          | 0.512               | 108       | 65          | 0.602               | 6012     | 1812        | 0.301               |
| 472        | 1505    | 2189   | 92420 | <a href="#">Richard Charles Garratt</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>cristalografia de proteínas   septinas   estrutura proteica   modelagem   enzimas                                | 43      | 19          | 0.442               | 114       | 57          | 0.500               | 5995     | 1556        | 0.260               |
| 120        | 1506    | 2190   | 92435 | <a href="#">Maria Da Luz Rosario De Sousa</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Epidemiologia   Saúde Coletiva   Odontologia Preventiva   Acupuntura   Medicina Tradicional Chinesa | 43      | 25          | 0.581               | 138       | 73          | 0.529               | 5979     | 2545        | 0.426               |
| 2          | 1507    | 2191   | 92442 | <a href="#">Yara Teresinha Corrêa Silva Sousa</a>       |  Brazil  | <a href="#">Universidade de Ribeirão Preto UNAERP</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Endodontia   Odontopediatria  | 43      | 28          | 0.651               | 122       | 90          | 0.738               | 5975     | 2782        | 0.466               |
| 473        | 1508    | 2192   | 92462 | <a href="#">Jose Ribas M Campos</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Thoracic Surgery</a><br>cirurgia toracica  | 43      | 22          | 0.512               | 103       | 66          | 0.641               | 5961     | 2044        | 0.343               |
| 10         | 1509    | 2193   | 92465 | <a href="#">Francisco Hilario Bezerra</a>               |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">RioGrandeNorteBrazil</a><br>Neotectonics   Fault evolution   Fracture behavior   intraplate seismicity   reservoir analogue                        | 43      | 33          | 0.767               | 132       | 107         | 0.811               | 5955     | 3381        | 0.568               |
| 474        | 1510    | 2195   | 92485 | <a href="#">Max C Langer</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Vertebrate Palaeontology  | 43      | 34          | 0.791               | 107       | 91          | 0.850               | 5941     | 3288        | 0.553               |
| 475        | 1511    | 2196   | 92494 | <a href="#">Alexander Augusto De Lima Jorge</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MedicinFMP</a><br>Medicina - Endocrinologia - Genética - endocrinology - genetic - growth disorders - pediatric                                    | 43      | 31          | 0.721               | 128       | 90          | 0.703               | 5937     | 3456        | 0.582               |
| 476        | 1512    | 2197   | 92496 | <a href="#">Daniela Rios</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Prevenção   Cárie Dentária   Erosão Dentária                                      | 43      | 27          | 0.628               | 114       | 88          | 0.772               | 5937     | 2799        | 0.471               |














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| University | Country | Region | World | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 1513    | 2198   | 92510 | <a href="#">Eduardo Oliveira Miranda</a>   | <br>Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>                 | <a href="#">Education / Education</a><br>EDUCAÇÃO   | 43      | 19          | 0.442               | 166       | 47          | 0.283               | 5930     | 1451        | 0.245               |
| 70         | 1514    | 2199   | 92511 | <a href="#">Eduardo Alves De Almeida</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         |   | 43      | 32          | 0.744               | 125       | 99          | 0.792               | 5930     | 3097        | 0.522               |
| 121        | 1515    | 2200   | 92516 | <a href="#">Regina Puppim Rontani</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais Dentários   Dentística   Desgaste   Degradação   Erosão                            | 43      | 29          | 0.674               | 133       | 79          | 0.594               | 5924     | 2809        | 0.474               |
| 67         | 1516    | 2201   | 92521 | <a href="#">Debora Foguel</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Amyloid Diseases   Transthyretin   Protein Misfolding                      | 43      | 22          | 0.512               | 99        | 52          | 0.525               | 5923     | 1874        | 0.316               |
| 1          | 1517    | 2202   | 92525 | <a href="#">Gilberto M. Amado Filho</a><br> | <br>Brazil   | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a>       | <a href="#">Researcher - Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a><br>Rhodoliths   Coral Reefs   Biomineralization   Coralline Algae | 43      | 31          | 0.721               | 115       | 83          | 0.722               | 5919     | 3046        | 0.515               |
| 477        | 1518    | 2203   | 92545 | <a href="#">Lazaro Eustaquio Pereira Peres</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant biology   plant development   plant genetics   plant hormones   tomato              | 43      | 35          | 0.814               | 91        | 71          | 0.780               | 5905     | 3517        | 0.596               |
| 18         | 1519    | 2206   | 92596 | <a href="#">Marco Nogueira</a>   | <br>Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                    | <a href="#">Pesquisador, Empresa Brasileira de Pesquisa Agropecuária</a><br>Microbiologia e Bioquímica do Solo  | 43      | 31          | 0.721               | 99        | 80          | 0.808               | 5865     | 3873        | 0.660               |
| 24         | 1520    | 2207   | 92626 | <a href="#">Célio Cavalcante</a>   | <br>Brazil | <a href="#">Universidade Federal do Ceará</a>                                  | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Adsorption   Separation Processes   Biofuels   Biolubricants                     | 43      | 29          | 0.674               | 110       | 82          | 0.745               | 5843     | 2800        | 0.479               |
| 79         | 1521    | 2208   | 92630 | <a href="#">Rodinei Augusti</a>  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      | espectrometria de massas   química analítica   química forense   química ambiental   análise de resíduos em alimentos                                   | 43      | 28          | 0.651               | 128       | 89          | 0.695               | 5839     | 2668        | 0.457               |
| 3          | 1522    | 2209   | 92642 | <a href="#">Leandro Silva Marques</a>  | <br>Brazil | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia   Epidemiologia   Odontopediatria   | 43      | 33          | 0.767               | 110       | 91          | 0.827               | 5825     | 3267        | 0.561               |

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| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 122   | 1523    | 2210   | 92674 | <a href="#">Marcelo De Castro Meneghim</a>    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Pública   Saúde Coletiva | 43      | 27          | 0.628               | 136       | 76          | 0.559               | 5791     | 2419        | 0.418               |
| 478   | 1524    | 2211   | 92687 | <a href="#">Yaacov Shapira</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Magnetism  | 43      | 10          | 0.233               | 118       | 10          | 0.085               | 5779     | 393         | 0.068               |
| 11  | 1525    | 2212   | 92688 | <a href="#">Décio Sabbatini Barbosa</a>       |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Clínica   Oxidações Biológicas   Estresse Oxidativo   | 43      | 33          | 0.767               | 111       | 92          | 0.829               | 5779     | 3427        | 0.593               |
| 24  | 1526    | 2214   | 92729 | <a href="#">Miguel Ângelo Marini</a>          |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>aves   ecologia   zoologia   conservação                              | 43      | 24          | 0.558               | 116       | 71          | 0.612               | 5746     | 1962        | 0.341               |
| 25  | 1527    | 2215   | 92737 | <a href="#">Diana Azevedo</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Adsorption   CO2 capture   SMB   PSA                    | 43      | 30          | 0.698               | 104       | 81          | 0.779               | 5740     | 2856        | 0.498               |
| 71  | 1528    | 2217   | 92758 | <a href="#">Augusto Abe</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Animal   Répteis  | 43      | 22          | 0.512               | 135       | 70          | 0.519               | 5715     | 1934        | 0.338               |
| 80  | 1529    | 2218   | 92804 | <a href="#">Vanessa Pinho</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia e Inflamação  | 43      | 27          | 0.628               | 80        | 59          | 0.738               | 5672     | 2691        | 0.474               |
| 33  | 1530    | 2219   | 92821 | <a href="#">Alexandra Latini</a>              |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Metabolismo e bioenergética  | 43      | 30          | 0.698               | 104       | 80          | 0.769               | 5658     | 2748        | 0.486               |
| 123   | 1531    | 2223   | 92932 | <a href="#">Laura Sterian Ward</a>            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>endocrinology                                    | 43      | 25          | 0.581               | 113       | 56          | 0.496               | 5540     | 1969        | 0.355               |
| 34  | 1532    | 2225   | 92988 | <a href="#">Afonso Celso Dias Bainy</a>       |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecotoxicologia Molecular  | 43      | 24          | 0.558               | 93        | 70          | 0.753               | 5486     | 2081        | 0.379               |
| 25  | 1533    | 2227   | 93038 | <a href="#">Luis Henrique Mendes Da Silva</a> |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Physics</a><br>Termodinâmica   Coloides   Físico-química   Macromoléculas                       | 43      | 25          | 0.581               | 122       | 89          | 0.730               | 5418     | 2411        | 0.445               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 72  | 1534    | 2228   | 93051 | <a href="#">Luis Augusto Rocha</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Materials   Biomaterials   Tribocorrosion   Tribo-corrosion   Surface functionalization | 43      | 34          | 0.791               | 101       | 78          | 0.772               | 5403     | 3398        | 0.629               |
| 8   | 1535    | 2229   | 93087 | <a href="#">Alexander Zhidenko</a>               |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Mathematics</a><br>high-energy physics   general relativity   black holes   gravitational waves  | 43      | 32          | 0.744               | 68        | 57          | 0.838               | 5353     | 3415        | 0.638               |
| 2   | 1536    | 2230   | 93088 | <a href="#">Victoria Isaac</a>                   |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Pesqueira   | 43      | 27          | 0.628               | 87        | 60          | 0.690               | 5352     | 2410        | 0.450               |
| 8   | 1537    | 2231   | 93123 | <a href="#">Maria Do Rosário Rodrigues Silva</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Biológicas : ciências da saúde   | 43      | 21          | 0.488               | 113       | 58          | 0.513               | 5292     | 1998        | 0.378               |
| 73  | 1538    | 2232   | 93124 | <a href="#">Joni Augusto Cirelli</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Regeneração e reparação tecidual   biomateriais   implantes  | 43      | 30          | 0.698               | 100       | 74          | 0.740               | 5292     | 2683        | 0.507               |
| 3   | 1539    | 2233   | 93148 | <a href="#">Luiz Carlos De Lima Silveira</a>     |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Neurophysiology   Visual Sciences   Ophthalmology   Tropical Diseases                                | 43      | 19          | 0.442               | 128       | 52          | 0.406               | 5253     | 1325        | 0.252               |
| 74  | 1540    | 2234   | 93158 | <a href="#">José Angelo Barela</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | controle motor   desenvolvimento motor   controle postural  | 43      | 28          | 0.651               | 98        | 67          | 0.684               | 5231     | 2158        | 0.413               |
| 35  | 1541    | 2235   | 93174 | <a href="#">Graziela De Luca Canto</a>           |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Systematic Review   Evidence-Based Dentistry   | 43      | 40          | 0.930               | 99        | 91          | 0.919               | 5196     | 4326        | 0.833               |
| 25  | 1542    | 2236   | 93175 | <a href="#">Brenno Ad Neto</a>                   |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Multicomponent reactions   Bioimaging   Cell-imaging   Benzothiadiazole   Ionic liquids                                   | 43      | 27          | 0.628               | 89        | 73          | 0.820               | 5196     | 2486        | 0.478               |
| 2   | 1543    | 2238   | 93197 | <a href="#">Sirlei Siani Moraes</a>              |  Brazil | <a href="#">Faculdade de Medicina de Jundiaí</a>                       | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Epidemiologia   Saúde da Mulher   | 43      | 23          | 0.535               | 91        | 57          | 0.626               | 5158     | 1841        | 0.357               |
| 75  | 1544    | 2239   | 93215 | <a href="#">Peter Hammer</a>                     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Functional coatings   Surface analysis   Organic-inorganic hybrids   Carbon nanocomposites  | 43      | 29          | 0.674               | 101       | 65          | 0.644               | 5126     | 2385        | 0.465               |
| 8   | 1545    | 2240   | 93230 | <a href="#">Claudio Furtado</a>                  |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Physics</a><br>Quantum Mechanics in Curved Space   Graphene   Geometric Theory of Defects   Methods of Field Theory Applied in Condensed Matter S  | 43      | 29          | 0.674               | 98        | 68          | 0.694               | 5108     | 2438        | 0.477               |

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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 479        | 1546    | 2241   | 93235 | <a href="#">Ana Paula Campanelli</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |   | 43      | 26          | 0.605               | 80        | 68          | 0.850               | 5098     | 1836        | 0.360               |
| 480        | 1547    | 2242   | 93238 | <a href="#">Marcos Amaku</a>                            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a>   | 43      | 22          | 0.512               | 130       | 92          | 0.708               | 5089     | 2233        | 0.439               |
| 12         | 1548    | 2244   | 93266 | <a href="#">Jefferson Rosa Cardoso Pt</a>               |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Physical Therapy   Biomechanics   Epidemiology   Aquatics   Biostatistics  | 43      | 28          | 0.651               | 86        | 59          | 0.686               | 5031     | 2419        | 0.481               |
| 81         | 1549    | 2245   | 93290 | <a href="#">Rodrigo Ribeiro Resende</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanobiotechnology   stem cells differentiation   tissue engineering   cell signalling                          | 43      | 29          | 0.674               | 98        | 74          | 0.755               | 4940     | 2634        | 0.533               |
| 76         | 1550    | 2246   | 93301 | <a href="#">José Marques Júnior</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Pedometrics   Soil Mineralogy   Soil Science   Ciência do Solo   Soil Magnetism                               | 43      | 22          | 0.512               | 111       | 54          | 0.486               | 4899     | 1728        | 0.353               |
| 77         | 1551    | 2247   | 93310 | <a href="#">Marina Okoshi</a>                           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">ClínicaMédicaMediciBotucatu</a>   | 43      | 26          | 0.605               | 111       | 63          | 0.568               | 4873     | 2109        | 0.433               |
| 68         | 1552    | 2248   | 93322 | <a href="#">Flávia Carvalho Alcantara Gomes</a>         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience  | 43      | 29          | 0.674               | 74        | 59          | 0.797               | 4807     | 2383        | 0.496               |
| 78         | 1553    | 2249   | 93325 | <a href="#">Katashi Okoshi</a>                          |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Cardiology</a>  | 43      | 27          | 0.628               | 109       | 69          | 0.633               | 4802     | 2377        | 0.495               |
| 481        | 1554    | 2250   | 93337 | <a href="#">Cláudia Helena Lovato Da Silva</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Clínica odontológica   materiais aplicados à prótese   | 43      | 29          | 0.674               | 90        | 71          | 0.789               | 4717     | 2438        | 0.517               |
| 482        | 1555    | 2254   | 93663 | <a href="#">Julio CB Ferreira *</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Cardiovascular Physiology/Biology   protein-protein interaction   mitochondria metabolism/dynamics   exercise training | 42      | 31          | 0.738               | 66        | 58          | 0.879               | 14784    | 8488        | 0.574               |
| 483        | 1556    | 2256   | 93796 | <a href="#">Ernesto G Birgin</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | nonlinear programming   nonlinear optimization   continuous optimization   mathematical programming   mathematical optimization   | 42      | 29          | 0.690               | 81        | 58          | 0.716               | 12670    | 6695        | 0.528               |
| 9          | 1557    | 2257   | 93887 | <a href="#">Maria Miriam Lima Da Nóbrega</a>            |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">AposentaçãoColetiva</a> !<br>Enfermagem - Diagnóstico de enfermagem - Teoria de enfermagem - Terminologia - Prática profissional  | 42      | 27          | 0.643               | 192       | 100         | 0.521               | 11745    | 7574        | 0.645               |

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| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13         | 1558    | 2258   | 93945 | <a href="#">Roberto E Reis</a>                          |  <a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Fish systematics   taxonomy   evolution   conservation  | 42      | 23          | 0.548               | 113       | 59          | 0.522               | 11221    | 4456        | 0.397               |
| 124        | 1559    | 2260   | 94006 | <a href="#">Fernando Gomide</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Computational Intelligence   Fuzzy Systems   Optimization   Control        | 42      | 25          | 0.595               | 157       | 53          | 0.338               | 10791    | 2804        | 0.260               |
| 125        | 1560    | 2263   | 94047 | <a href="#">Andrei C Sposito</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Atherosclerosis   Vascular Biology   HDL metabolism  | 42      | 29          | 0.690               | 123       | 84          | 0.683               | 10607    | 6419        | 0.605               |
| 74         | 1561    | 2264   | 94117 | <a href="#">Gerhard Overbeck</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">RioGrandeSulBotany</a><br>Vegetation   Ecology   Conservation   Restoration   Grassland  | 42      | 37          | 0.881               | 96        | 91          | 0.948               | 10233    | 7371        | 0.720               |
| 79         | 1562    | 2265   | 94169 | <a href="#">Marcelo Borba</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Education / Education</a><br>Educação Matemática   Pesquisa Qualitativa   EadOnline   Tecnologias Digitais   Matemática                                  | 42      | 30          | 0.714               | 113       | 59          | 0.522               | 9973     | 4048        | 0.406               |
| 126        | 1563    | 2267   | 94249 | <a href="#">Dirceu Da Silva</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Business &amp; Management / Business Administration</a><br>Administração   Métodos Quantitativos   Estratégia de organizações   Educação   Meio Ambiente | 42      | 34          | 0.810               | 190       | 107         | 0.563               | 9664     | 6120        | 0.633               |
| 75         | 1564    | 2268   | 94267 | <a href="#">Lavinia Schuler Faccini</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetics  | 42      | 30          | 0.714               | 131       | 94          | 0.718               | 9601     | 4922        | 0.513               |
| 484        | 1565    | 2269   | 94350 | <a href="#">Ulysses Ribeiro Jr</a>                      |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Digestive Surgery   Digestive Surgical Oncology   Colo-Proctology                                  | 42      | 32          | 0.762               | 117       | 81          | 0.692               | 9298     | 5015        | 0.539               |
| 82         | 1566    | 2270   | 94444 | <a href="#">Marisa Cotta Mancini</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Social Sciences / Child Development</a><br>Child development   Skill acquisition   Cerebral palsy   Rehabilitation   Developmental disorders             | 42      | 25          | 0.595               | 135       | 81          | 0.600               | 9067     | 3963        | 0.437               |
| 17         | 1567    | 2271   | 94469 | <a href="#">Lineu Cesar Werneck</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Medical and Health Sciences / Neurology</a><br>Medicina   Neurologia   | 42      | 22          | 0.524               | 191       | 59          | 0.309               | 9005     | 2786        | 0.309               |
| 55         | 1568    | 2274   | 94582 | <a href="#">Maria Elisabeth L Moreira</a>               |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Medical and Health Sciences / Neonatology</a><br>crescimento e desenvolvimento   | 42      | 33          | 0.786               | 132       | 93          | 0.705               | 8727     | 5428        | 0.622               |

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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 80         | 1569    | 2277   | 94627 | <a href="#">Artênio José Isper Garbin</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 42      | 29          | 0.690               | 203       | 129         | 0.635               | 8624     | 4408        | 0.511               |
| 485        | 1570    | 2278   | 94644 | <a href="#">José Otávio Costa Auler Junior</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>First interest: anesthesia   intensive care   medical education   | 42      | 22          | 0.524               | 144       | 56          | 0.389               | 8583     | 2734        | 0.319               |
| 19         | 1571    | 2279   | 94669 | <a href="#">Ricardo Elesbão Alves</a>                   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Biodiversity   Genetic Resources   Food Science   Bioactive Compounds  | 42      | 25          | 0.595               | 160       | 65          | 0.406               | 8545     | 3591        | 0.420               |
| 486        | 1572    | 2280   | 94686 | <a href="#">Celso Omoto</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>entomologia   resistência   plantas transgênicas   Bacillus thuringiensis   Spodoptera frugiperda   | 42      | 33          | 0.786               | 108       | 77          | 0.713               | 8508     | 4319        | 0.508               |
| 127        | 1573    | 2282   | 94724 | <a href="#">Silvio Gallo</a>                            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Filosofia francesa contemporânea   filosofias da diferença   ensino de filosofia   anarquismo   | 42      | 26          | 0.619               | 127       | 72          | 0.567               | 8435     | 3161        | 0.375               |
| 487        | 1574    | 2283   | 94766 | <a href="#">Antonio Salatino</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   botânica aplicada   plantas medicinais   própolis   óleos de sementes   | 42      | 24          | 0.571               | 128       | 56          | 0.438               | 8363     | 3245        | 0.388               |
| 36         | 1575    | 2284   | 94808 | <a href="#">Jose Franco Da Silveira</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Protozoologia   Biologia Molecular   Sorologia  | 42      | 20          | 0.476               | 106       | 48          | 0.453               | 8291     | 1947        | 0.235               |
| 488        | 1576    | 2286   | 94852 | <a href="#">Maria Helena De Souza Goldman</a>           |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Reprodução de plantas   Biologia do desenvolvimento vegetal   Biologia molecular de plantas   Expressão de proteínas de interesse biotecnológico | 42      | 25          | 0.595               | 93        | 49          | 0.527               | 8210     | 1981        | 0.241               |
| 489        | 1577    | 2287   | 94929 | <a href="#">Oswaldo LV Costa</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Controle Estocástico  | 42      | 22          | 0.524               | 85        | 48          | 0.565               | 8118     | 2221        | 0.274               |
| 490        | 1578    | 2289   | 94965 | <a href="#">Decio Zylbersztajn</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Agronegócios   Transaction Cost Economics   Agribusiness   New Institutional Economics  | 42      | 23          | 0.548               | 128       | 54          | 0.422               | 8065     | 2194        | 0.272               |
| 11         | 1579    | 2291   | 95196 | <a href="#">Hugo Rocha</a>                              |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica de carboidratos   glicobiologia   biologia celular   | 42      | 31          | 0.738               | 121       | 107         | 0.884               | 7731     | 4414        | 0.571               |
| 26         | 1580    | 2292   | 95215 | <a href="#">Denise Fleith</a>                           |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Social Sciences / Psychology</a>  | 42      | 28          | 0.667               | 132       | 84          | 0.636               | 7701     | 2968        | 0.385               |



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| University  | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14  | 1581    | 2293   | 95278 | <a href="#">Jaderson Costa Dacosta</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Epilepsy   Neurodegenerative Diseases   Stem Cells   | 42      | 23          | 0.548               | 138       | 74          | 0.536               | 7624     | 2714        | 0.356               |
| 9   | 1582    | 2294   | 95296 | <a href="#">Sonia Maria Fleury Teixeira</a>     |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                 | <a href="#">Business &amp; Management / Public Administration</a><br>democracia   cidadania   política de saúde   periferias urbanas  | 42      | 24          | 0.571               | 106       | 51          | 0.481               | 7604     | 2217        | 0.292               |
| 491   | 1583    | 2295   | 95316 | <a href="#">Luís Vicente Garcia</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>anestesia   transfusão   anestesia regional   via aérea                                       | 42      | 25          | 0.595               | 191       | 69          | 0.361               | 7579     | 2808        | 0.370               |
| 22  | 1584    | 2299   | 95438 | <a href="#">Walter Botta</a>                    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>metalurgia física   transformações de fases                                       | 42      | 30          | 0.714               | 208       | 136         | 0.654               | 7431     | 3827        | 0.515               |
| 18  | 1585    | 2300   | 95466 | <a href="#">Anaclaudia Gastal Fassa</a>         |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology   family health   public health  | 42      | 29          | 0.690               | 83        | 65          | 0.783               | 7397     | 3697        | 0.500               |
| 76  | 1586    | 2302   | 95524 | <a href="#">Ana Bazzan</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Multiagent Systems   Traffic and Transportation   Machine Learning   Game Theory | 42      | 24          | 0.571               | 133       | 52          | 0.391               | 7337     | 2978        | 0.406               |
| 492   | 1587    | 2307   | 95756 | <a href="#">Luciana Cc Leite</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Butantan</a><br>Vaccines  | 42      | 21          | 0.500               | 106       | 65          | 0.613               | 7122     | 2105        | 0.296               |
| 493   | 1588    | 2308   | 95856 | <a href="#">Pedro Jacob Christoffoleti</a>      |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Weed Science  | 42      | 23          | 0.548               | 155       | 72          | 0.465               | 7034     | 2336        | 0.332               |
| 4   | 1589    | 2309   | 95875 | <a href="#">Antonio T Do Amaral Jr</a>          |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Agronomia/Melhoramento de Plantas   Plant Breeding   | 42      | 24          | 0.571               | 190       | 103         | 0.542               | 7020     | 3003        | 0.428               |
| 2   | 1590    | 2310   | 95937 | <a href="#">Antonio Euzebio Goulart Santana</a> |  Brazil | <a href="#">Universidade Federal de Alagoas</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   fitoquímica   semioquímicos   feromônios  | 42      | 24          | 0.571               | 145       | 76          | 0.524               | 6960     | 2566        | 0.369               |
| 494   | 1591    | 2316   | 96098 | <a href="#">Hussam Zaher</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Paleontology   Herpetology   evolution   biogeography   systematics  | 42      | 26          | 0.619               | 107       | 80          | 0.748               | 6837     | 3281        | 0.480               |
| 495   | 1592    | 2320   | 96191 | <a href="#">Cleber Renato Mendonca</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a>  | 42      | 23          | 0.548               | 196       | 99          | 0.505               | 6765     | 2700        | 0.399               |



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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 1593    | 2321   | 96202 | <a href="#">Luis Fernando Stone</a>                  |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            |   | 42      | 21          | 0.500               | 154       | 54          | 0.351               | 6755     | 1900        | 0.281               |
| 128   | 1594    | 2322   | 96219 | <a href="#">Jose Rodrigo Pauli</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Fisiologia e Biologia Molecular do Exercício  | 42      | 31          | 0.738               | 119       | 102         | 0.857               | 6744     | 3401        | 0.504               |
| 83  | 1595    | 2323   | 96234 | <a href="#">Efigênia Ferreira E Ferreira</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>epidemiologia das doenças bucais   ensino   etica   pesquisa qualitativa                     | 42      | 32          | 0.762               | 173       | 123         | 0.711               | 6735     | 3949        | 0.586               |
| 56  | 1596    | 2324   | 96259 | <a href="#">Joseli Lannes-Vieira</a>                 |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   vacinologia   biologia celular   neurobiologia                                 | 42      | 22          | 0.524               | 87        | 52          | 0.598               | 6711     | 2174        | 0.324               |
| 81  | 1597    | 2326   | 96301 | <a href="#">Edivaldo Antônio Garcia</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia   Nutrição animal   Manejo   Qualidade de ovo                            | 42      | 19          | 0.452               | 187       | 53          | 0.283               | 6684     | 1895        | 0.284               |
| 36  | 1598    | 2327   | 96318 | <a href="#">Julio E Normey Rico</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Process Control   Predictive Control   Dead-time Systems   Energy Systems   | 42      | 27          | 0.643               | 107       | 77          | 0.720               | 6669     | 3102        | 0.465               |
| 14  | 1599    | 2328   | 96354 | <a href="#">Fernando Martins Carvalho</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   saúde ocupacional   saúde ambiental   qualidade de vida | 42      | 24          | 0.571               | 100       | 56          | 0.560               | 6641     | 2451        | 0.369               |
| 21  | 1600    | 2329   | 96365 | <a href="#">Mateus Batistella</a>                    |  <a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Researcher, Embrapa Agricultural Informatics</a><br>Land change   Landscape ecology   Geotechnologies                                       | 42      | 30          | 0.714               | 85        | 63          | 0.741               | 6631     | 3506        | 0.529               |
| 82  | 1601    | 2331   | 96412 | <a href="#">Juliana Alvares Duarte Bonini Campos</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Biostatistics</a><br>validação   psicometria   bioestatística   | 42      | 32          | 0.762               | 142       | 97          | 0.683               | 6592     | 3945        | 0.598               |
| 83  | 1602    | 2332   | 96417 | <a href="#">Salatier Buzetti</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">AduboseAdubaÃ§ÃoCampusIlhSolteira</a><br>Fertilidade do Solo  | 42      | 24          | 0.571               | 171       | 96          | 0.561               | 6589     | 2701        | 0.410               |
| 496   | 1603    | 2334   | 96494 | <a href="#">Paulo Francisco Cesar</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais Dentários   Cerâmicas Dentárias   Propriedades Mecânicas                           | 42      | 30          | 0.714               | 88        | 79          | 0.898               | 6540     | 3603        | 0.551               |

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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 497   | 1604    | 2335   | 96527 | <a href="#">Hernan Chaimovich</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Micelas   Vesículas   Membranas   Físico-Química Orgânica   Ciência                             | 42      | 13          | 0.310               | 129       | 22          | 0.171               | 6514     | 818         | 0.126               |
| 37  | 1605    | 2336   | 96531 | <a href="#">Emília Inoue Sato</a>                   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   Lúpus eritematoso sistêmico  | 42      | 26          | 0.619               | 89        | 55          | 0.618               | 6512     | 2772        | 0.426               |
| 26  | 1606    | 2337   | 96540 | <a href="#">Ligia Kerr</a>                          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Leprosy   HIV/AIDS   COVID-19   Zika   Brazilian Purpuric Fever         | 42      | 24          | 0.571               | 125       | 75          | 0.600               | 6501     | 2750        | 0.423               |
| 84  | 1607    | 2338   | 96603 | <a href="#">Leandro S Oliveira</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>agri-food wastes valorization   biocomposites   coffee   biofuels              | 42      | 36          | 0.857               | 89        | 65          | 0.730               | 6445     | 3580        | 0.555               |
| 129   | 1608    | 2339   | 96620 | <a href="#">Richard Landers</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Natural Sciences / Physics</a><br>Surface Science   | 42      | 26          | 0.619               | 174       | 91          | 0.523               | 6428     | 2628        | 0.409               |
| 130   | 1609    | 2342   | 96653 | <a href="#">Fabio Trindade Maranhão Costa</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Natural Sciences / Biological Science</a><br>Biology   Parasitology   Infectious Diseases   Malaria   Pathogenesis                          | 42      | 30          | 0.714               | 106       | 79          | 0.745               | 6411     | 3472        | 0.542               |
| 1   | 1610    | 2346   | 96750 | <a href="#">Balthazar Jose Manoel</a>               |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a> | <a href="#">Natural Sciences / Physics</a><br>NONLINEAR DYNAMICS   CHAOS   CONTROL AND THEIR APPLICATIONS TO ENGINEERING                                | 42      | 25          | 0.595               | 155       | 93          | 0.600               | 6347     | 2832        | 0.446               |
| 1   | 1611    | 2347   | 96751 | <a href="#">Carlos Tomaz</a>                        |  Brazil  | <a href="#">Universidade Ceuma</a>                               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   | 42      | 21          | 0.500               | 149       | 61          | 0.409               | 6346     | 1811        | 0.285               |
| 3   | 1612    | 2348   | 96759 | <a href="#">Dirceu Costa</a>                        |  Brazil | <a href="#">Universidade Nove de Julho</a>                       | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Reabilitação   Função Cardiorrespiratória                                 | 42      | 25          | 0.595               | 128       | 75          | 0.586               | 6341     | 2348        | 0.370               |
| 22  | 1613    | 2349   | 96760 | <a href="#">Terezinha Inez Estivalet Svidzinski</a> |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                 | <a href="#">Medical and Health Sciences / Mycology</a><br>Micologia Médica   fatores de virulência de fungos   infecções hospitalares de origem fúngica | 42      | 28          | 0.667               | 161       | 100         | 0.621               | 6340     | 2958        | 0.467               |
| 498   | 1614    | 2350   | 96800 | <a href="#">Débora Bertola</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Médica  | 42      | 30          | 0.714               | 125       | 88          | 0.704               | 6304     | 3150        | 0.500               |
| 499   | 1615    | 2351   | 96840 | <a href="#">Gerhard Malnic</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>tubulos renais   eletrofisiologia do nefron   pH celular                                    | 42      | 14          | 0.333               | 117       | 17          | 0.145               | 6284     | 857         | 0.136               |
| 38  | 1616    | 2353   | 96875 | <a href="#">Ana Lydia Sawaya</a>                    |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Fisiologia   Desnutrição   Obesidade                                | 42      | 21          | 0.500               | 73        | 42          | 0.575               | 6262     | 2060        | 0.329               |

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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 1617    | 2356   | 96952 | <a href="#">Ana Rita De Araujo Nogueira</a>  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                          | <a href="#">Embrapa Pecuaria Sudeste</a>   | 42      | 22          | 0.524               | 132       | 63          | 0.477               | 6218     | 1794        | 0.289               |
| 1   | 1618    | 2360   | 97012 | <a href="#">Wanderson Romão</a>              |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Espírito Santo</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 42      | 33          | 0.786               | 151       | 137         | 0.907               | 6172     | 4158        | 0.674               |
| 1   | 1619    | 2361   | 97022 | <a href="#">Júlio Criginski Cezar</a>        |  Brazil   | <a href="#">Laboratorio Nacional de Luz Sincrotron</a>                               | <a href="#">Centro Nacional de Pesquisa em Energia e Materiais/CNPEM - Laboratório Nacional de ...</a><br>Multiferroic and ferroelectric materials   electronic structure   X-ray absorption | 42      | 26          | 0.619               | 76        | 48          | 0.632               | 6166     | 2142        | 0.347               |
| 500   | 1620    | 2362   | 97027 | <a href="#">Edna M Marturano</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Social Sciences / Psychology</a><br>psicologia do desenvolvimento   prevenção em saúde mental  | 42      | 23          | 0.548               | 99        | 57          | 0.576               | 6161     | 1716        | 0.279               |
| 10  | 1621    | 2363   | 97060 | <a href="#">Ieda Maria Garcia Dos Santos</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                                 | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materiais   química do estado sólido   | 42      | 25          | 0.595               | 142       | 84          | 0.592               | 6141     | 2547        | 0.415               |
| 85  | 1622    | 2364   | 97068 | <a href="#">Nivio Ziviani</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Information Retrieval   Machine Learning   Neural Networks  | 42      | 18          | 0.429               | 101       | 34          | 0.337               | 6134     | 1284        | 0.209               |
| 77  | 1623    | 2366   | 97097 | <a href="#">Edilson V Benvenuto</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Inorgânica   Materiais Híbridos Nanoestruturados   | 42      | 25          | 0.595               | 130       | 68          | 0.523               | 6115     | 2337        | 0.382               |
| 501   | 1624    | 2369   | 97159 | <a href="#">José Geraldo Speciali</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Neurology</a><br>neurologia  | 42      | 28          | 0.667               | 107       | 70          | 0.654               | 6082     | 2738        | 0.450               |
| 84  | 1625    | 2370   | 97179 | <a href="#">Mario Luis Assine</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geologia   geomorfologia  | 42      | 30          | 0.714               | 128       | 94          | 0.734               | 6067     | 3254        | 0.536               |
| 27  | 1626    | 2371   | 97190 | <a href="#">Eneas Gomes Filho</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Fisiologia e Bioquímica do Estresse Hídrico e Salino em Plantas  | 42      | 29          | 0.690               | 93        | 67          | 0.720               | 6060     | 2996        | 0.494               |
| 4   | 1627    | 2372   | 97244 | <a href="#">Claudia Santos Oliveira</a>      |  Brazil | <a href="#">Universidade Nove de Julho</a>   | <a href="#">mestraodoReabilitaÃ&amp;#oasl;foa&amp;#oasl;sa&amp;#oasl;UDE  </a>   | 42      | 29          | 0.690               | 142       | 97          | 0.683               | 6027     | 3158        | 0.524               |

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| University | Country | Region | World | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 131        | 1628    | 2373   | 97261 | <a href="#">Watson Loh</a>                              | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   coloides   surfactantes   polímeros  | 42      | 24          | 0.571               | 102       | 61          | 0.598               | 6012     | 2253        | 0.375               |
| 78         | 1629    | 2374   | 97273 | <a href="#">Simone Flôres</a>                           | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos   | 42      | 38          | 0.905               | 104       | 90          | 0.865               | 6005     | 4234        | 0.705               |
| 502        | 1630    | 2375   | 97284 | <a href="#">Marly Augusto Cardoso</a>                   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Nutritional epidemiology and public health   | 42      | 28          | 0.667               | 144       | 106         | 0.736               | 6000     | 2861        | 0.477               |
| 132        | 1631    | 2376   | 97285 | <a href="#">Alexandra CHF Sawaya</a>                    | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plantas medicinais   própolis  | 42      | 31          | 0.738               | 101       | 84          | 0.832               | 6000     | 3353        | 0.559               |
| 28         | 1632    | 2379   | 97331 | <a href="#">Maria Lúcia Magalhães Bosi</a>              | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | pesquisa qualitativa   ciências humanas   psicologia   | 42      | 23          | 0.548               | 86        | 52          | 0.605               | 5973     | 1897        | 0.318               |
| 8          | 1633    | 2380   | 97350 | <a href="#">Paulo Cesar Abreu</a>                       | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Microbial Ecology   aquaculture  | 42      | 29          | 0.690               | 107       | 67          | 0.626               | 5964     | 2924        | 0.490               |
| 86         | 1634    | 2381   | 97402 | <a href="#">Rodrigo Lambert Orefice</a>                 | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materials science   biomaterials   polymers  | 42      | 23          | 0.548               | 108       | 67          | 0.620               | 5937     | 2409        | 0.406               |
| 85         | 1635    | 2382   | 97434 | <a href="#">Andre Henrique Rosa</a>                     | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Ciências Ambientais Química Ambiental Análise contaminantes orgânicos e inorgânicos no ambiente </a><br>Ciências Ambientais   Química Ambiental   Análise de contaminantes orgânicos e inorgânicos no ambiente | 42      | 24          | 0.571               | 113       | 64          | 0.566               | 5914     | 2892        | 0.489               |
| 8          | 1636    | 2383   | 97450 | <a href="#">José Roberto Mineo</a>                      | <br>Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Infectious Diseases   Immunoassays  | 42      | 22          | 0.524               | 131       | 71          | 0.542               | 5905     | 1828        | 0.310               |
| 503        | 1637    | 2384   | 97453 | <a href="#">Go Tani</a>                                 | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Educação Física   | 42      | 21          | 0.500               | 126       | 53          | 0.421               | 5901     | 1852        | 0.314               |
| 504        | 1638    | 2385   | 97486 | <a href="#">Antonio Figueira</a>                        | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Biologia de Plantas  | 42      | 23          | 0.548               | 100       | 60          | 0.600               | 5885     | 1998        | 0.340               |
| 79         | 1639    | 2386   | 97582 | <a href="#">Luis V Portela</a>                          | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Biochemistry   Neurology.   | 42      | 27          | 0.643               | 114       | 70          | 0.614               | 5824     | 2104        | 0.361               |




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| University  | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 86  | 1640    | 2387   | 97605 | <a href="#">Lilian Teresa Bucken Gobbi</a>      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Education / Education</a><br>Neuroscience   Motor Control   | 42      | 30          | 0.714               | 126       | 82          | 0.651               | 5807     | 2745        | 0.473               |
| 9   | 1641    | 2388   | 97642 | <a href="#">Paulo Eugênio Oliveira</a>          |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Botany   | 42      | 23          | 0.548               | 127       | 73          | 0.575               | 5779     | 2347        | 0.406               |
| 69  | 1642    | 2389   | 97651 | <a href="#">Ana Paula Vieira Colombo</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontology and Microbiologia   | 42      | 26          | 0.619               | 73        | 56          | 0.767               | 5775     | 2255        | 0.390               |
| 70  | 1643    | 2390   | 97653 | <a href="#">Joao Paulo Machado Torres</a>       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">BiofisicUFRJ</a><br>Poluentes Orgânicos Persistentes   Metais Pesados   Poluição Ambiental   Radioatividade   | 42      | 28          | 0.667               | 99        | 70          | 0.707               | 5772     | 2693        | 0.467               |
| 505   | 1644    | 2392   | 97742 | <a href="#">Denise Maria Zezell</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Biophotonics   FTIR Spectroscopy   Lasers in Medicine   Lasers in Dentistry   Infrared thermography in biological processes. Biomed | 42      | 23          | 0.548               | 116       | 62          | 0.534               | 5691     | 1862        | 0.327               |
| 87  | 1645    | 2393   | 97769 | <a href="#">Mirian Cristina Santos</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>analytical chemistry and science of materials   | 42      | 26          | 0.619               | 91        | 54          | 0.593               | 5670     | 2726        | 0.481               |
| 133   | 1646    | 2395   | 97779 | <a href="#">Fabio Augusto</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Cromatografia Gasosa   Microextração   Impressão Molecular  | 42      | 28          | 0.667               | 97        | 62          | 0.639               | 5664     | 2315        | 0.409               |
| 506   | 1647    | 2396   | 97787 | <a href="#">Everson Luiz De Almeida Artifon</a> |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | Endoscopia digestiva   Ecoendoscopia   Pancreatocolangiografia retrógrada Endoscópica   Endoscopia digestiva terapêutica  | 42      | 30          | 0.714               | 92        | 69          | 0.750               | 5659     | 3217        | 0.568               |
| 507   | 1648    | 2397   | 97801 | <a href="#">Maria Anice Mureb Sallum</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a><br>Entomologia de Saude Publica  | 42      | 28          | 0.667               | 138       | 87          | 0.630               | 5649     | 2805        | 0.497               |
| 87  | 1649    | 2398   | 97810 | <a href="#">Marco Tulio Valente</a>             |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   | 42      | 33          | 0.786               | 111       | 74          | 0.667               | 5642     | 3727        | 0.661               |
| 508   | 1650    | 2399   | 97817 | <a href="#">Adalberto Luiz Rosa</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">BucoMaxiloFacial</a><br>Medicina Regenerativa   Engenharia de Tecido Ósseo   Terapia Celular   Cultura de Osteoblastos  | 42      | 24          | 0.571               | 113       | 68          | 0.602               | 5635     | 1928        | 0.342               |
| 3   | 1651    | 2400   | 97856 | <a href="#">Eloiza Helena Tajara</a>            |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Câncer   Genética Humana   | 42      | 23          | 0.548               | 93        | 48          | 0.516               | 5607     | 1964        | 0.350               |

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| University  | Country | Region | World | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 88  | 1652    | 2401   | 97881 | <a href="#">Vania Regina Nicoletti</a>              | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Engenharia de Alimentos   | 42      | 29          | 0.690               | 106       | 80          | 0.755               | 5594     | 2780        | 0.497               |
| 509   | 1653    | 2402   | 97920 | <a href="#">Daniel Ciampi De Andrade</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Pain   Neuromodulation   Neurology   | 42      | 34          | 0.810               | 97        | 88          | 0.907               | 5568     | 3627        | 0.651               |
| 134   | 1654    | 2405   | 98003 | <a href="#">Mary Ann Foglioleite</a>                | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacognosia   fitoquímica   produtos naturais bioativos   padronização de extratos   validação de métodos analíticos e de ex | 42      | 27          | 0.643               | 110       | 86          | 0.782               | 5502     | 2976        | 0.541               |
| 80  | 1655    | 2406   | 98007 | <a href="#">Joao Henrique Dos Santos</a>            | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        |  | 42      | 21          | 0.500               | 168       | 71          | 0.423               | 5499     | 2088        | 0.380               |
| 19  | 1656    | 2407   | 98013 | <a href="#">Gelson Perin</a>                        | <br>Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Síntese Orgânica   Química Verde  | 42      | 25          | 0.595               | 124       | 90          | 0.726               | 5496     | 2544        | 0.463               |
| 510   | 1657    | 2408   | 98026 | <a href="#">Alexandre Moreira</a>                   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>sports science   esporte   ciência do esporte   carga de treinamento   carga interna  | 42      | 32          | 0.762               | 114       | 90          | 0.789               | 5481     | 3374        | 0.616               |
| 511   | 1658    | 2410   | 98055 | <a href="#">Janete A Anselmo Franci</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Regulação neuroendócrina e efeitos do estresse sobre a função reprodutiva feminina  | 42      | 24          | 0.571               | 133       | 75          | 0.564               | 5461     | 2075        | 0.380               |
| 88  | 1659    | 2411   | 98109 | <a href="#">Cibele Cesar</a>                        | <br>Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Statistics</a><br>epidemiologia   saúde coletiva   análise de dados   | 42      | 22          | 0.524               | 101       | 62          | 0.614               | 5408     | 1903        | 0.352               |
| 5   | 1660    | 2412   | 98137 | <a href="#">Samuel Jorge Moysés</a>                 | <br>Brazil | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Coletiva   | 42      | 26          | 0.619               | 113       | 71          | 0.628               | 5383     | 2297        | 0.427               |
| 135   | 1661    | 2413   | 98172 | <a href="#">Zigomar Menezes De Souza</a>            | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">CampinasUNICAMP</a>  | 42      | 22          | 0.524               | 119       | 64          | 0.538               | 5352     | 1994        | 0.373               |
| 23  | 1662    | 2415   | 98197 | <a href="#">Heloisa Sobreiro Selistre De Araujo</a> | <br>Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cancer biology  | 42      | 24          | 0.571               | 119       | 78          | 0.655               | 5322     | 2174        | 0.408               |
| 9   | 1663    | 2417   | 98203 | <a href="#">Ednei Gilberto Primel</a>               | <br>Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Analítica   Química Ambiental  | 42      | 31          | 0.738               | 117       | 91          | 0.778               | 5318     | 3089        | 0.581               |



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| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5          | 1664    | 2418   | 98237 | <a href="#">Valdirene Gomes</a>                         |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biologia  | 42      | 26          | 0.619               | 110       | 75          | 0.682               | 5285     | 2341        | 0.443               |
| 11         | 1665    | 2419   | 98251 | <a href="#">VB Bezerra</a>                              |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                    | <a href="#">Natural Sciences / Physics</a><br>Teoria de Campos   cosmologia   gravitação   | 42      | 24          | 0.571               | 129       | 80          | 0.620               | 5269     | 2306        | 0.438               |
| 512        | 1666    | 2420   | 98262 | <a href="#">Alceu Afonso Jordao</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">of Sao Paulo</a><br>Nutrition  | 42      | 25          | 0.595               | 142       | 78          | 0.549               | 5257     | 2398        | 0.456               |
| 71         | 1667    | 2421   | 98268 | <a href="#">Rui Cerqueira</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Evolution   Biogeography   Systematics   Genetics   | 42      | 19          | 0.452               | 116       | 52          | 0.448               | 5250     | 1516        | 0.289               |
| 81         | 1668    | 2425   | 98314 | <a href="#">Grace Gosmann</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>química medicinal   química de produtos naturais   | 42      | 24          | 0.571               | 102       | 70          | 0.686               | 5192     | 1926        | 0.371               |
| 25         | 1669    | 2426   | 98339 | <a href="#">Juliano Smanioto Barin</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">TecnologiaeAlimentos</a> !<br>Análise de alimentos   Química analítica verde   Intensificação de processos   micro-ondas   ultrassom                                   | 42      | 31          | 0.738               | 116       | 101         | 0.871               | 5164     | 3336        | 0.646               |
| 1          | 1670    | 2427   | 98357 | <a href="#">Eloisa Helena de Aguiar Andrade</a>         |  Brazil   | <a href="#">Museu Paraense Emilio Goeldi</a>                            | <a href="#">Museu Paraense Emilio Goeldi</a><br>essential oils   | 42      | 28          | 0.667               | 123       | 82          | 0.667               | 5140     | 2673        | 0.520               |
| 26         | 1671    | 2430   | 98398 | <a href="#">Maribel Rubin</a>                           |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">Medical and Health Sciences / Biochemistry</a><br>memória   aprendizado   poliaminas   dor   adicção   | 42      | 23          | 0.548               | 104       | 59          | 0.567               | 5094     | 1918        | 0.377               |
| 24         | 1672    | 2431   | 98401 | <a href="#">Raquel De Lima Camargo Giordano</a>         |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Biochemical Engineering   Stabilization and Immobilization of Enzymes   Biofuels   Industrial Biotechnology | 42      | 29          | 0.690               | 116       | 77          | 0.664               | 5087     | 2298        | 0.452               |
| 23         | 1673    | 2432   | 98406 | <a href="#">Débora Milori</a>                           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Natural Sciences / Physics</a><br>Applied Physics - Optics and Photonics - Instrumentation - Environmental Sciences - Precision agriculture                            | 42      | 32          | 0.762               | 98        | 80          | 0.816               | 5080     | 2637        | 0.519               |
| 24         | 1674    | 2434   | 98432 | <a href="#">Daniel Souza Correa</a>                     |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>polymer science   nanotechnology   chemical sensor   spectroscopy   electrospinning               | 42      | 35          | 0.833               | 118       | 100         | 0.847               | 5051     | 3764        | 0.745               |



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| University | Country | Region | World | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9          | 1675    | 2435   | 98460 | <a href="#">Boniek Gontijo Vaz</a>                      | <br>Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Mass Spectrometry   Energy   Complex Mixtures   Imaging   | 42      | 33          | 0.786               | 121       | 106         | 0.876               | 5019     | 3393        | 0.676               |
| 136        | 1676    | 2436   | 98471 | <a href="#">Wislei Riuper Ramos Osorio</a>              | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Solidificação   Propriedades Mecânicas   Resistências à Corrosão   Metalurgia  | 42      | 26          | 0.619               | 84        | 68          | 0.810               | 5005     | 2157        | 0.431               |
| 13         | 1677    | 2438   | 98513 | <a href="#">Rubens Cecchini</a>                         | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Pathology</a><br>Fisiopatologia   radicais livres e estresse oxidativo  | 42      | 26          | 0.619               | 97        | 77          | 0.794               | 4942     | 2364        | 0.478               |
| 513        | 1678    | 2439   | 98524 | <a href="#">José Soares Ferreira Neto</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária Preventiva   Epidemiologia   Zoonoses   Controle de Doenças   Doenças Infecciosas | 42      | 20          | 0.476               | 128       | 88          | 0.688               | 4916     | 2017        | 0.410               |
| 26         | 1679    | 2440   | 98525 | <a href="#">Joao Meira Neto</a>                         | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de Ecossistemas   Botânica   Ecologia Funcional   Mata Atlântica   Cerrado                                | 42      | 23          | 0.548               | 102       | 63          | 0.618               | 4916     | 1995        | 0.406               |
| 9          | 1680    | 2441   | 98539 | <a href="#">Roldão Da Rocha</a>                         | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Gauge/Gravity dualities   High energy physics   Black hole physics   Mathematical-Physics                                     | 42      | 31          | 0.738               | 111       | 75          | 0.676               | 4895     | 3218        | 0.657               |
| 89         | 1681    | 2442   | 98543 | <a href="#">Juliana Campos Junqueira</a>                | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia Bucal   Terapia fotodinâmica   Modelos hospedeiros de infecção experimental   Fitoterapia       | 42      | 31          | 0.738               | 102       | 90          | 0.882               | 4890     | 2968        | 0.607               |
| 57         | 1682    | 2443   | 98548 | <a href="#">Jonas Perales</a>                           | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Química de Proteínas   Proteômica  | 42      | 20          | 0.476               | 123       | 76          | 0.618               | 4888     | 1851        | 0.379               |
| 37         | 1683    | 2446   | 98686 | <a href="#">Rodrigo Bainy Leal</a>                      | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Neuroquímica   Neurociências   | 42      | 24          | 0.571               | 104       | 80          | 0.769               | 4481     | 1891        | 0.422               |
| 514        | 1684    | 2447   | 98738 | <a href="#">Marcos Roberto Tovani Palone</a>            | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">AluPatologiMediciRibeirÃoPreto</a><br>Anomalias Craniofaciais   Patologia Pediátrica   Saúde Pública  | 41      | 41          | 1.000               | 84        | 72          | 0.857               | 45283    | 44494       | 0.983               |
| 20         | 1685    | 2449   | 98807 | <a href="#">Joseph Murray *</a>                         | <br>Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">andViolence&amp;Postinã€!</a><br>Violence   Conduct Disorder   Developmental Psychopathology   Life-course Epidemiology   | 41      | 39          | 0.951               | 73        | 71          | 0.973               | 22559    | 13693       | 0.607               |
| 515        | 1686    | 2450   | 98808 | <a href="#">Antonio Joaquim Severino</a>                | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Educação   Filosofia   Filosofia da Educação   | 41      | 24          | 0.585               | 97        | 49          | 0.505               | 22472    | 8260        | 0.368               |
| 516        | 1687    | 2451   | 98821 | <a href="#">José Sebastião Dos Santos</a>               | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">AparelhoDigestivoMediciRibeirÃoPreto</a><br>Cirurgia de Vias biliares e Pâncreas   Saúde Pública   Cirurgia Ambulatorial   Regulação em Saude                   | 41      | 32          | 0.780               | 82        | 53          | 0.646               | 21599    | 20377       | 0.943               |

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| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 517        | 1688    | 2452   | 98825 | <a href="#">Lucia G Lohmann</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">UniversidSãofo Paulo</a><br>Bignoniaceae   Biogeography   Evolution   Neotropical Flora   Systematics   | 41      | 33          | 0.805               | 99        | 86          | 0.869               | 21446    | 9433        | 0.440               |
| 518        | 1689    | 2456   | 98994 | <a href="#">Isis Do Carmo Kettelhut *</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">ProfªBioquímicoImunologiaMedicina!</a><br>Controle do metabolismo de proteínas   carboidratos e lipídios   Bioquímica e fisiologia do metabolismo               | 41      | 21          | 0.512               | 103       | 57          | 0.553               | 14791    | 6893        | 0.466               |
| 137        | 1690    | 2457   | 99069 | <a href="#">Fernando J Von Zuben</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>computational intelligence   machine learning   multi-objective optimizatón   natural computing          | 41      | 16          | 0.390               | 183       | 39          | 0.213               | 13422    | 2107        | 0.157               |
| 72         | 1691    | 2458   | 99077 | <a href="#">Marcelo Lopes De Souza</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>               | <a href="#">Natural Sciences / Geography</a><br>Geografia Ambiental   Ecologia Política   Estudos Urbanos   | 41      | 25          | 0.610               | 105       | 60          | 0.571               | 13236    | 4833        | 0.365               |
| 38         | 1692    | 2461   | 99168 | <a href="#">Antonio Augusto Ulson De Souza</a>          |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Têxtil   Petróleo   Meio mabiente   Produtos naturais   Simulação                                    | 41      | 30          | 0.732               | 174       | 116         | 0.667               | 12170    | 8985        | 0.738               |
| 5          | 1693    | 2463   | 99225 | <a href="#">Beth Brait</a>                              |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | Estudos bakhtinianos   Análise dialógica do discurso   Verbovisualidade   Estudos literários  | 41      | 28          | 0.683               | 88        | 52          | 0.591               | 11640    | 3576        | 0.307               |
| 10         | 1694    | 2464   | 99392 | <a href="#">Les Foulds</a>                              |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                    | <a href="#">VisitanteInformáticoUniversidGoiás</a><br>Modelagem e Simulação de Tráfego   Algoritmos e Otimização  | 41      | 15          | 0.366               | 98        | 22          | 0.224               | 10430    | 1789        | 0.172               |
| 519        | 1695    | 2465   | 99451 | <a href="#">Luis Eduardo Aranha Camargo</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Pathology   Plant pathogen interactions   | 41      | 24          | 0.585               | 109       | 57          | 0.523               | 10084    | 2329        | 0.231               |
| 520        | 1696    | 2469   | 99573 | <a href="#">Saurabh Gupta</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Natural Sciences / Physics</a><br>Plastic Surgery   | 41      | 29          | 0.707               | 255       | 144         | 0.565               | 9607     | 4963        | 0.517               |
| 10         | 1697    | 2470   | 99665 | <a href="#">Jose A Puppim De Oliveira</a>               |  Brazil | <a href="#">Fundação Getulio Vargas FGV</a>                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>environment-development   governance   public administration   management   urban | 41      | 29          | 0.707               | 100       | 74          | 0.740               | 9260     | 4353        | 0.470               |
| 4          | 1698    | 2471   | 99685 | <a href="#">Maria Paula Cruz Schneider</a>              |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Animal   Biologia Molecular   Genômica   Biotecnologia                                      | 41      | 19          | 0.463               | 121       | 36          | 0.298               | 9195     | 3220        | 0.350               |
| 138        | 1699    | 2472   | 99727 | <a href="#">Carlos Henrique De Brito Cruz</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Natural Sciences / Physics</a><br>Physics   Optics and Lasers   Ultrafast Optics   Ultrafast Phenomena   Science and Technology Policy                          | 41      | 22          | 0.537               | 82        | 36          | 0.439               | 9085     | 1697        | 0.187               |
| 521        | 1700    | 2473   | 99749 | <a href="#">Isabel Amelia Costa Mendes</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Ribeirão Preto</a><br>Enfermagem  | 41      | 28          | 0.683               | 197       | 92          | 0.467               | 9006     | 4121        | 0.458               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 15         | 1701    | 2476   | 99798  | <a href="#">Rafael H Bordini</a>                        |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">TechnologyPUCRS</a><br>Multi-Agent Systems   Multiagent Systems   Artificial Intelligence   Software Engineering   | 41      | 20          | 0.488               | 128       | 53          | 0.414               | 8867     | 2626        | 0.296               |
| 6          | 1702    | 2479   | 99842  | <a href="#">Julio Cesar Sampaio Do Prado Leite</a>      |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia de Requisitos   Engenharia de Software   Transparency   Requirements Engineering   Software Engineering | 41      | 20          | 0.488               | 149       | 50          | 0.336               | 8750     | 1815        | 0.207               |
| 12         | 1703    | 2480   | 99856  | <a href="#">Maria De Fatima Agra</a>                    |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | Taxonomia   Botânica   Etnobotânica   Farmacobotânica   Morfoanatomia  | 41      | 24          | 0.585               | 154       | 74          | 0.481               | 8704     | 3404        | 0.391               |
| 90         | 1704    | 2481   | 99865  | <a href="#">Luiz Carlos Marques Vanderlei</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia em cardiologia   exercício físico   variabilidade da frequência cardíaca                             | 41      | 27          | 0.659               | 164       | 108         | 0.659               | 8677     | 4171        | 0.481               |
| 522        | 1705    | 2483   | 99896  | <a href="#">Pedro Puech Leao</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSao Paulo</a><br>Cirurgia Vasculard   | 41      | 23          | 0.561               | 124       | 70          | 0.565               | 8583     | 2831        | 0.330               |
| 139        | 1706    | 2484   | 99943  | <a href="#">Marco Aurélio Ramirez Vinolo</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Imunologia   bioquímica   fisiologia  | 41      | 32          | 0.780               | 82        | 71          | 0.866               | 8490     | 6181        | 0.728               |
| 523        | 1707    | 2485   | 99957  | <a href="#">Eduardo Costa</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               |  | 41      | 29          | 0.707               | 75        | 61          | 0.813               | 8461     | 5897        | 0.697               |
| 13         | 1708    | 2486   | 100034 | <a href="#">João Ricardo Mendes De Oliveira</a>         |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   neuroscience   | 41      | 27          | 0.659               | 132       | 67          | 0.508               | 8310     | 3530        | 0.425               |
| 18         | 1709    | 2491   | 100215 | <a href="#">Maria Luiza Petzl Erler</a>                 |  Brazil | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Evolução   Imunologia  | 41      | 19          | 0.463               | 101       | 48          | 0.475               | 8025     | 2425        | 0.302               |
| 524        | 1710    | 2492   | 100299 | <a href="#">Mariana Cabral De Oliveira</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Phycology   biodiversity   molecular evolution  | 41      | 23          | 0.561               | 101       | 68          | 0.673               | 7893     | 2304        | 0.292               |
| 91         | 1711    | 2495   | 100396 | <a href="#">Hélio Amante Miot</a>                       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>dermatology   skin cancer   quality of life   melasma   insect repellent                            | 41      | 31          | 0.756               | 157       | 128         | 0.815               | 7734     | 5173        | 0.669               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 140   | 1712    | 2496   | 100415 | <a href="#">Marisa Masumi Beppu</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>biopolymers   natural polymers   biomaterials   quality                 | 41      | 29          | 0.707               | 108       | 82          | 0.759               | 7715     | 4196        | 0.544               |
| 525   | 1713    | 2497   | 100420 | <a href="#">Simone Diniz</a>                            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Saúde Pública</a><br>Saúde Pública   Saúde Materno-infantil   Relações de Gênero   Saúde Baseada em Evidências                     | 41      | 34          | 0.829               | 89        | 58          | 0.652               | 7709     | 3681        | 0.477               |
| 39  | 1714    | 2498   | 100438 | <a href="#">Maria Lucia Oliveira De Souza Formigoni</a> |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">PaulistMedicina</a><br>alcohol   substance abuse   neurobiology   energy drinks  | 41      | 21          | 0.512               | 104       | 50          | 0.481               | 7680     | 2317        | 0.302               |
| 25  | 1715    | 2499   | 100478 | <a href="#">Carlos Antonio Fernandes Santos</a>         |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetics  | 41      | 26          | 0.634               | 150       | 77          | 0.513               | 7628     | 3210        | 0.421               |
| 5   | 1716    | 2501   | 100495 | <a href="#">Sandro Massao Hirabara</a>                  |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                            | <a href="#">CruzeirodoSul</a><br>Insulin resistance   fatty acids   metabolism   obesity   diabetes  | 41      | 30          | 0.732               | 105       | 77          | 0.733               | 7614     | 3091        | 0.406               |
| 141   | 1717    | 2502   | 100551 | <a href="#">Mauricio Ariel Rostagno</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | Extração   Análise por cromatografia líquida   Compostos fenólicos   | 41      | 33          | 0.805               | 72        | 66          | 0.917               | 7541     | 4105        | 0.544               |
| 26  | 1718    | 2503   | 100563 | <a href="#">José Francisco Montenegro Valls</a>         |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Embrapa Cenargen</a><br>Recursos Genéticos Vegetais  | 41      | 21          | 0.512               | 125       | 51          | 0.408               | 7529     | 2619        | 0.348               |
| 6   | 1719    | 2504   | 100593 | <a href="#">Carlos Mauricio Fontes Vieira</a>           |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Materiais e Meio Ambiente                            | 41      | 31          | 0.756               | 116       | 70          | 0.603               | 7498     | 3257        | 0.434               |
| 1   | 1720    | 2505   | 100623 | <a href="#">Anselmo Rodriguez</a>                       |  Brazil | <a href="#">Universidade Federal do Acre UFAC</a>                       | <a href="#">Natural Sciences / Physics</a><br>Nanociência   Ciência dos Materiais   Nanotecnologia   Nanobiotecnologia                         | 41      | 22          | 0.537               | 182       | 48          | 0.264               | 7461     | 2005        | 0.269               |
| 1   | 1721    | 2506   | 100625 | <a href="#">Jackson Roberto Guedes Da Silva Almeida</a> |  Brazil | <a href="#">Universidade Federal do Vale do São Francisco UNIVASF</a>   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia   Química de Produtos Naturais   Farmacologia | 41      | 36          | 0.878               | 168       | 143         | 0.851               | 7457     | 4846        | 0.650               |
| 526   | 1722    | 2507   | 100641 | <a href="#">Ana Luiza D Ávila Viana</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Social Sciences / Political Science</a><br>políticas públicas proteção social desenvolvimento                                      | 41      | 27          | 0.659               | 108       | 58          | 0.537               | 7439     | 2857        | 0.384               |


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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 527        | 1723    | 2508   | 100650 | <a href="#">Javier Ellena</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Physics</a><br>Polymorph   co-crystal   crystallography   Pharmaceutical ingredients   | 41      | 24          | 0.585               | 239       | 103         | 0.431               | 7431     | 3031        | 0.408               |
| 6          | 1724    | 2509   | 100660 | <a href="#">Álison Rocha Machado</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a> | Manufacturing Process   Machining   Tribology   Materials   Usinagem  | 41      | 32          | 0.780               | 97        | 77          | 0.794               | 7421     | 3939        | 0.531               |
| 82         | 1725    | 2510   | 100674 | <a href="#">Luiz R Malabarba</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Ichthyology   systematics   comparative biology  | 41      | 22          | 0.537               | 135       | 68          | 0.504               | 7402     | 2293        | 0.310               |
| 25         | 1726    | 2511   | 100731 | <a href="#">José Pedro Rino</a>                         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>               | <a href="#">SÃO Carlos</a><br>Molecular dynamics   crystallization   glass  | 41      | 25          | 0.610               | 99        | 58          | 0.586               | 7344     | 2562        | 0.349               |
| 58         | 1727    | 2513   | 100789 | <a href="#">Francisco Paumgartten</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health   Toxicology  | 41      | 21          | 0.512               | 126       | 59          | 0.468               | 7288     | 2610        | 0.358               |
| 10         | 1728    | 2516   | 100825 | <a href="#">Túlio Batista Franco</a>                    |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                  | Saúde Coletiva  | 41      | 27          | 0.659               | 72        | 50          | 0.694               | 7243     | 2347        | 0.324               |
| 142        | 1729    | 2517   | 100833 | <a href="#">Maria Regina Wolf Maciel</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Processos de Separação Difusionais: Convencionais e Não Convencionais - Modelagem   Simulação   Otimização e Trabalhos Experimentais - Termodinâmica Aplicada a Processos de Separação | 41      | 26          | 0.634               | 159       | 72          | 0.453               | 7233     | 3073        | 0.425               |
| 19         | 1730    | 2518   | 100836 | <a href="#">Nadia Krieger</a>                           |  Brazil | <a href="#">Universidade Federal do Paraná</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biotechnology   enzymology   biocatalysis   | 41      | 27          | 0.659               | 102       | 73          | 0.716               | 7224     | 2489        | 0.345               |
| 528        | 1731    | 2519   | 100877 | <a href="#">Osvaldo Massaiti Takayanagui</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurology   Cysticercosis   HIV   AIDS   Infectious Diseases   | 41      | 21          | 0.512               | 108       | 48          | 0.444               | 7199     | 1742        | 0.242               |
| 529        | 1732    | 2520   | 100898 | <a href="#">Ana Paula Jahn</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Mathematics</a><br>Educação Matemática   ensino de matemática  | 41      | 10          | 0.244               | 56        | 10          | 0.179               | 7179     | 376         | 0.052               |
| 4          | 1733    | 2522   | 100974 | <a href="#">Luiz Velho</a>                              |  Brazil | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a> | <a href="#">IMPA</a><br>Graphics   Vision   | 41      | 17          | 0.415               | 137       | 37          | 0.270               | 7103     | 1262        | 0.178               |
| 530        | 1734    | 2524   | 101008 | <a href="#">Marcelo Macedo Rogero</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrigenetics and nutrigenomics  | 41      | 30          | 0.732               | 119       | 91          | 0.765               | 7070     | 4356        | 0.616               |
| 531        | 1735    | 2525   | 101042 | <a href="#">Cristina Marta Del Ben</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry  | 41      | 32          | 0.780               | 107       | 79          | 0.738               | 7031     | 3480        | 0.495               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 26  | 1736    | 2526   | 101044 | <a href="#">Audrey Borghi Silva Borghi Silva A</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                                      | <a href="#">SaoCarlos</a><br>Exercício físico   fisioterapia   reabilitação pulmonar   DPOC                         | 41      | 28          | 0.683               | 180       | 132         | 0.733               | 7030     | 3730        | 0.531               |
| 92  | 1737    | 2527   | 101048 | <a href="#">Herida Regina Nunes Salgado</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                  | <a href="#">ControleQualidMedicamentosa</a><br>Medicamentos   controle de qualidade   validação   fitocosméticos    | 41      | 26          | 0.634               | 194       | 134         | 0.691               | 7024     | 4000        | 0.569               |
| 1   | 1738    | 2528   | 101116 | <a href="#">Mariana Doina Banea</a>                |  Brazil   | <a href="#">Centro Federal de Educação Tecnológica Celso Suckow do Fonseca CEFET/RJ</a> | <a href="#">CEFET/RJTechnologicalEducationin</a><br>Structural adhesives   Mechanical behaviour of adhesive joints  | 41      | 37          | 0.902               | 73        | 72          | 0.986               | 6957     | 4908        | 0.705               |
| 532   | 1739    | 2530   | 101125 | <a href="#">Carmen Josefina Contreras Castillo</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">ETecnologiCarnes</a>  | 41      | 33          | 0.805               | 163       | 97          | 0.595               | 6947     | 4019        | 0.579               |
| 27  | 1740    | 2533   | 101250 | <a href="#">Ernesto C Pereira</a>                  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemistry   new materials   electrochemistry   clean energy | 41      | 25          | 0.610               | 135       | 77          | 0.570               | 6850     | 2703        | 0.395               |
| 13  | 1741    | 2536   | 101343 | <a href="#">Eliton Souto De Medeiros</a>           |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                                    | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia                     | 41      | 30          | 0.732               | 94        | 82          | 0.872               | 6767     | 3996        | 0.591               |
| 533   | 1742    | 2537   | 101379 | <a href="#">Claudia P Oliveira</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | Medical science   | 41      | 28          | 0.683               | 85        | 68          | 0.800               | 6742     | 4435        | 0.658               |
| 6   | 1743    | 2538   | 101381 | <a href="#">Stevens K Rehen</a>                    |  Brazil  | <a href="#">Instituto D'Or Pesquisa e Ensino</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Stem Cells & Neuroscience                    | 41      | 28          | 0.683               | 87        | 59          | 0.678               | 6740     | 3442        | 0.511               |
| 11  | 1744    | 2539   | 101386 | <a href="#">Carlos El Ferreira</a>                 |  Brazil | <a href="#">Universidade Federal Fluminense</a>   | <a href="#">University</a><br>Reef fish ecology   Coral reef conservation   Macroecology   Ichthyology              | 41      | 33          | 0.805               | 98        | 81          | 0.827               | 6735     | 3333        | 0.495               |
| 29  | 1745    | 2546   | 101543 | <a href="#">José Júlio Costa Sidrim</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>   | Mycology  | 41      | 28          | 0.683               | 157       | 108         | 0.688               | 6596     | 3203        | 0.486               |
| 1   | 1746    | 2547   | 101587 | <a href="#">Izeni Pires Farias</a>                 |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>                                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Evolution   Genetics                             | 41      | 29          | 0.707               | 130       | 97          | 0.746               | 6569     | 3008        | 0.458               |
| 27  | 1747    | 2548   | 101598 | <a href="#">Fernando Luiz Finger</a>               |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                                      | <a href="#">Agriculture &amp; Forestry / Horticulture</a><br>Horticultura   | 41      | 22          | 0.537               | 174       | 82          | 0.471               | 6557     | 2530        | 0.386               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 534   | 1748    | 2549   | 101603 | <a href="#">Carla Roberta De Oliveira Carvalho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>sinalização intracelular   endocrinologia   insulina   envelhecimento   reprodução | 41      | 23          | 0.561               | 104       | 51          | 0.490               | 6552     | 2002        | 0.306               |
| 39  | 1749    | 2550   | 101619 | <a href="#">João Borges Laurindo</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Chemical Engineering                         | 41      | 34          | 0.829               | 110       | 86          | 0.782               | 6536     | 3486        | 0.533               |
| 10  | 1750    | 2551   | 101645 | <a href="#">Paulo Fernando Trugilho</a>            |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">ETecnologiaMadeiraUniversidLavras</a><br>Energia da Biomassa   | 41      | 28          | 0.683               | 168       | 112         | 0.667               | 6517     | 3781        | 0.580               |
| 535   | 1751    | 2553   | 101688 | <a href="#">Helena Brentani</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Neurodevelopment   Genomics   Bioinformatics   Psychiatric Disorders               | 41      | 28          | 0.683               | 104       | 70          | 0.673               | 6492     | 3600        | 0.555               |
| 536   | 1752    | 2554   | 101697 | <a href="#">Eduardo Magalhaes Rego</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology   | 41      | 23          | 0.561               | 107       | 65          | 0.607               | 6485     | 2625        | 0.405               |
| 537   | 1753    | 2555   | 101701 | <a href="#">Eduardo Marques</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>políticas públicas   sociologia e política urbana                                       | 41      | 27          | 0.659               | 83        | 55          | 0.663               | 6483     | 2303        | 0.355               |
| 538   | 1754    | 2558   | 101801 | <a href="#">Dora Fix Ventura</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Neuroscience   Experimental Psychology   Psychophysics   Vision                                | 41      | 21          | 0.512               | 121       | 64          | 0.529               | 6412     | 2340        | 0.365               |
| 2   | 1755    | 2559   | 101817 | <a href="#">Monica Rodrigues Perracini</a>         |  Brazil   | <a href="#">Universidade Cidade de São Paulo UNICID</a>                |  | 41      | 30          | 0.732               | 93        | 70          | 0.753               | 6402     | 2579        | 0.403               |
| 93  | 1756    | 2561   | 101843 | <a href="#">Leonardo Zornoff</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">MediciBotucatu</a>   | 41      | 24          | 0.585               | 128       | 65          | 0.508               | 6383     | 2745        | 0.430               |
| 27  | 1757    | 2563   | 101859 | <a href="#">Joel C Rubim</a>                       |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Espectroscopia Molecular   Materiais e Materiais nanoestruturados                      | 41      | 24          | 0.585               | 87        | 41          | 0.471               | 6372     | 1507        | 0.237               |
| 143   | 1758    | 2564   | 101902 | <a href="#">Adriana Piscitelli</a>                 |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">NúcleoGêneroPAGU/Unicamp</a><br>gênero   sexualidade   economias sexuais   migração   tráfico de pessoas                           | 41      | 24          | 0.585               | 102       | 54          | 0.529               | 6341     | 2658        | 0.419               |
| 144   | 1759    | 2565   | 101905 | <a href="#">Irenilza De Alencar Nääs</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Production Engineering   Agribusiness   Agricultural Engineering                   | 41      | 26          | 0.634               | 171       | 89          | 0.520               | 6337     | 2762        | 0.436               |
| 539   | 1760    | 2566   | 101922 | <a href="#">Helio Stefani</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">da UnversidSão Paulo</a><br>Síntese Orgânica   telurio   teluretos vinilicos   selenio   | 41      | 19          | 0.463               | 104       | 47          | 0.452               | 6330     | 1500        | 0.237               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 94  | 1761    | 2567   | 101929 | <a href="#">Ricardo Andrade Reis</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Manejo e adubação de pastagens   Gases efeito estufa   Conservação de forragem   Nutrição de ruminantes   | 41      | 25          | 0.610               | 161       | 78          | 0.484               | 6326     | 2809        | 0.444               |
| 11  | 1762    | 2569   | 101939 | <a href="#">Paulo Gentil</a>                 |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      |   | 41      | 36          | 0.878               | 130       | 120         | 0.923               | 6321     | 4804        | 0.760               |
| 540   | 1763    | 2570   | 101958 | <a href="#">Paulo Nelson Filho</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria  | 41      | 28          | 0.683               | 143       | 103         | 0.720               | 6304     | 3174        | 0.503               |
| 27  | 1764    | 2571   | 101961 | <a href="#">Janio M Santurio</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | Micologia   oomycetes.  | 41      | 23          | 0.561               | 180       | 107         | 0.594               | 6302     | 2739        | 0.435               |
| 89  | 1765    | 2572   | 101962 | <a href="#">Reinaldo Martínez Palhares</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Control   Fault Diagnostics and Prognosis   Fuzzy Systems   Cyber-physical Systems   Artificial Intelligence                                    | 41      | 26          | 0.634               | 119       | 67          | 0.563               | 6302     | 2315        | 0.367               |
| 95  | 1766    | 2573   | 101965 | <a href="#">João A Carvalho Jr</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Combustão  | 41      | 27          | 0.659               | 102       | 67          | 0.657               | 6301     | 2970        | 0.471               |
| 12  | 1767    | 2574   | 102014 | <a href="#">Helena Carla Castro</a>          |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        |   | 41      | 27          | 0.659               | 137       | 87          | 0.635               | 6270     | 2646        | 0.422               |
| 541   | 1768    | 2575   | 102025 | <a href="#">Norberto Garcia Cairasco</a>     |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Neuroscience   neurophysiology   behavioral neuroscience   epileptology   neurology | 41      | 25          | 0.610               | 123       | 66          | 0.537               | 6262     | 2788        | 0.445               |
| 1   | 1769    | 2579   | 102077 | <a href="#">Carlos Alberto Feldens</a>       |  Brazil | <a href="#">Universidade Luterana do Brasil ULBRA</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria  | 41      | 31          | 0.756               | 94        | 73          | 0.777               | 6225     | 3665        | 0.589               |
| 2   | 1770    | 2580   | 102107 | <a href="#">Naziano Filizola</a>             |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>                  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>River Dynamics and Fluvial Geomorphology                                       | 41      | 30          | 0.732               | 77        | 61          | 0.792               | 6208     | 3226        | 0.520               |
| 8   | 1771    | 2581   | 102124 | <a href="#">Maria Del Carmen Bisi Molina</a> |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Saúde Pública   Epidemiologia                               | 41      | 31          | 0.756               | 97        | 77          | 0.794               | 6195     | 3664        | 0.591               |
| 542   | 1772    | 2582   | 102128 | <a href="#">Maximo Siu Li</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física da materia condensada  | 41      | 31          | 0.756               | 137       | 95          | 0.693               | 6193     | 3035        | 0.490               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 1773    | 2583   | 102151 | <a href="#">Paulo Santos Pompeu</a>           | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>                              | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Ecology   Fish Conservation   Fisheries   River conservation  | 41      | 31          | 0.756               | 115       | 92          | 0.800               | 6172     | 4253        | 0.689               |
| 145   | 1774    | 2585   | 102179 | <a href="#">Oslei Paes De Almeida</a>         | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia oral   estomatologia   | 41      | 21          | 0.512               | 109       | 49          | 0.450               | 6154     | 1709        | 0.278               |
| 543   | 1775    | 2586   | 102181 | <a href="#">Angela Maria Geraldo Pierin</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">UNIVERSIDADE DE SÃO PAULO/ENFERMAGEMSP</a><br>HIPERTENSÃO ARTERIAL   ADESÃO AO TRATAMENTO   MEDIDA DA PRESSÃO ARTERIAL   DOENÇAS CRÔNICAS         | 41      | 22          | 0.537               | 124       | 53          | 0.427               | 6153     | 2249        | 0.366               |
| 544   | 1776    | 2588   | 102192 | <a href="#">Almir Oliveira Neto</a>           | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">IPEN/CNEN</a><br>energy   fuel cell   conversion of co2   conversion of methane   | 41      | 27          | 0.659               | 127       | 78          | 0.614               | 6147     | 2253        | 0.367               |
| 30  | 1777    | 2589   | 102214 | <a href="#">Paulo Tarso Cavalcante Freire</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Espectroscopia Raman   Física de Altas Pressões   | 41      | 22          | 0.537               | 182       | 98          | 0.538               | 6135     | 2508        | 0.409               |
| 96  | 1778    | 2591   | 102263 | <a href="#">Henrique Nunes De Oliveira</a>    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e Melhoramento Animal   | 41      | 25          | 0.610               | 130       | 76          | 0.585               | 6098     | 2416        | 0.396               |
| 73  | 1779    | 2592   | 102264 | <a href="#">Liu Hsu</a>                       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Control systems   robotics   underwater robotics   adaptive control   sliding mode control | 41      | 20          | 0.488               | 111       | 47          | 0.423               | 6098     | 1363        | 0.224               |
| 4   | 1780    | 2593   | 102273 | <a href="#">Ricardo Halpern</a>               | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | developmental and behavioral pediatrics   | 41      | 19          | 0.463               | 90        | 41          | 0.456               | 6093     | 1875        | 0.308               |
| 13  | 1781    | 2594   | 102303 | <a href="#">Gabriel Silveira Denicol</a>      | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                                  | heavy ion physics   quark-gluon plasma   fluid dynamics   kinetic theory  | 41      | 34          | 0.829               | 75        | 55          | 0.733               | 6072     | 3487        | 0.574               |
| 3   | 1782    | 2596   | 102346 | <a href="#">Cibele Rodrigues Bonvicino</a>    | <br><a href="#">Brazil</a> | <a href="#">Instituto Nacional de Cancer</a>                                     | <a href="#">INCA</a>  | 41      | 21          | 0.512               | 126       | 58          | 0.460               | 6043     | 1942        | 0.321               |
| 10  | 1783    | 2598   | 102396 | <a href="#">Carlos Henrique Gomes Martins</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Uberlândia</a>                               | <a href="#">Uberlândia</a><br>Antimicrobial activity   Medicinal plants   Biological Assay   Applied Microbiology   Anaerobe                                  | 41      | 30          | 0.732               | 156       | 124         | 0.795               | 6008     | 3502        | 0.583               |
| 40  | 1784    | 2599   | 102404 | <a href="#">Tania R Bertoldo Benedetti</a>    | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                      | <a href="#">Education / Education</a><br>Educação Física   Envelhecimento   Promoção da saúde   | 41      | 26          | 0.634               | 107       | 65          | 0.607               | 6001     | 2397        | 0.399               |







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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 545        | 1785    | 2600   | 102456 | <a href="#">Bruno Zilberstein</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MS5nível3MedicinSÃ£oã€!</a><br>Cirurgia Geral   Cirurgia Aparelho Digestivo   Videocirurgia   Cirurgia Robótica   Cirurgia da Obesidade      | 41      | 27          | 0.659               | 138       | 78          | 0.565               | 5968     | 2606        | 0.437               |
| 546        | 1786    | 2604   | 102565 | <a href="#">Marcia La Temperini</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃ£o Paulo</a>  | 41      | 22          | 0.537               | 145       | 62          | 0.428               | 5909     | 1737        | 0.294               |
| 547        | 1787    | 2606   | 102577 | <a href="#">Antonio José Piantino Ferreira</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |  | 41      | 25          | 0.610               | 123       | 70          | 0.569               | 5903     | 2835        | 0.480               |
| 97         | 1788    | 2607   | 102580 | <a href="#">Rogério Peres Soratto</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Manejo e tratos culturais   Fertilidade de solo e adubação   Sistemas de produção agrícola   | 41      | 28          | 0.683               | 153       | 99          | 0.647               | 5900     | 3039        | 0.515               |
| 548        | 1789    | 2608   | 102596 | <a href="#">Oswaldo Baffa</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física Médica   Biofísica   Física   | 41      | 23          | 0.561               | 163       | 69          | 0.423               | 5886     | 2342        | 0.398               |
| 549        | 1790    | 2609   | 102623 | <a href="#">Maria Lucia Carneiro Vieira</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Molecular de Plantas Cultivadas  | 41      | 23          | 0.561               | 104       | 57          | 0.548               | 5872     | 2345        | 0.399               |
| 2          | 1791    | 2612   | 102741 | <a href="#">Carlos Eduardo Da Silveira Bueno</a>        |  Brazil   | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 41      | 30          | 0.732               | 100       | 76          | 0.760               | 5801     | 3286        | 0.566               |
| 15         | 1792    | 2613   | 102758 | <a href="#">Helena G Bergallo</a>                       |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de Mamíferos   | 41      | 23          | 0.561               | 133       | 71          | 0.534               | 5789     | 2148        | 0.371               |
| 550        | 1793    | 2614   | 102765 | <a href="#">Adriane Maria Ferreira Milagres</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |  | 41      | 25          | 0.610               | 99        | 59          | 0.596               | 5785     | 2431        | 0.420               |
| 83         | 1794    | 2615   | 102767 | <a href="#">Adriano Sanches Melo</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Biological Science</a><br>community ecology   biological diversity   aquatic insects   stream ecology                     | 41      | 28          | 0.683               | 83        | 71          | 0.855               | 5784     | 3237        | 0.560               |
| 551        | 1795    | 2616   | 102773 | <a href="#">Lucila Castanheira Nascimento</a>           |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">RibeirÃ£o Preto</a><br>Enfermagem Pediátrica   Saúde da Criança e do Adolescente   Enfermagem Familiar                                       | 41      | 28          | 0.683               | 134       | 89          | 0.664               | 5777     | 3038        | 0.526               |
| 98         | 1796    | 2617   | 102782 | <a href="#">Regina El Dib</a>                           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Clinical Epidemiology   Research Methodology   Evidence-Based Healthcare | 41      | 32          | 0.780               | 84        | 70          | 0.833               | 5771     | 3896        | 0.675               |
| 552        | 1797    | 2618   | 102793 | <a href="#">Luiz GS Branco</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>thermoregulation   fever   hypothermia   ventilation   | 41      | 21          | 0.512               | 139       | 53          | 0.381               | 5766     | 1641        | 0.285               |
| 28         | 1798    | 2620   | 102802 | <a href="#">Claudio Shyinti Kiminami</a>                |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais                                      | 41      | 28          | 0.683               | 165       | 108         | 0.655               | 5759     | 3106        | 0.539               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2          | 1799    | 2621   | 102803 | <a href="#">Antonio Prates Caldeira</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a>       | <a href="#">Education / Education</a><br>Saúde da criança   Atenção Primária   Educação em Saúde   Avaliação de serviços de saúde   Epidemiologia                   | 41      | 30          | 0.732               | 136       | 102         | 0.750               | 5759     | 3455        | 0.600               |
| 146        | 1800    | 2622   | 102804 | <a href="#">Guerreiro MM</a>                            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              |   | 41      | 19          | 0.463               | 121       | 54          | 0.446               | 5759     | 1488        | 0.258               |
| 20         | 1801    | 2623   | 102836 | <a href="#">Walter A Boeger</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Parasitology   molecular ecology   evolution   | 41      | 25          | 0.610               | 136       | 66          | 0.485               | 5730     | 2369        | 0.413               |
| 147        | 1802    | 2624   | 102858 | <a href="#">Carlos Roque Correia</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>química orgânica   síntese orgânica   catálise   heterociclos   | 41      | 23          | 0.561               | 116       | 56          | 0.483               | 5718     | 1859        | 0.325               |
| 28         | 1803    | 2625   | 102868 | <a href="#">Rita De Cássia Gonçalves Alfenas</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Prevenção e controle da obesidade e do diabetes  | 41      | 28          | 0.683               | 89        | 72          | 0.809               | 5710     | 3171        | 0.555               |
| 41         | 1804    | 2626   | 102903 | <a href="#">Juarez Vieira Do Nascimento</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sport Pedagogy   Physical Education   Teacher Education   Coach Education   Professional Development | 41      | 26          | 0.634               | 158       | 115         | 0.728               | 5692     | 3077        | 0.541               |
| 99         | 1805    | 2627   | 102951 | <a href="#">Albina Rodrigues Torres</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Psychiatry</a><br>transtornos de ansiedade   epidemiologia psiquiátrica   | 41      | 29          | 0.707               | 84        | 60          | 0.714               | 5663     | 2541        | 0.449               |
| 3          | 1806    | 2628   | 102966 | <a href="#">Ana Paula Porto Noronha</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade São Francisco</a>                             | <a href="#">Social Sciences / Psychology</a><br>Avaliação Psicológica   Psicologia Positiva   Forças Pessoais   Escolha profissional                                | 41      | 24          | 0.585               | 154       | 71          | 0.461               | 5649     | 2266        | 0.401               |
| 553        | 1807    | 2632   | 103036 | <a href="#">Luiza Guilherme</a>                         |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Vacinas   Biologia   Febre Reumática   Doença Reumática Cardíaca                           | 41      | 21          | 0.512               | 72        | 51          | 0.708               | 5606     | 2200        | 0.392               |
| 14         | 1808    | 2635   | 103054 | <a href="#">Marcos Doederlein Polito</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Londrina</a>                      | Exercise physiology   | 41      | 23          | 0.561               | 96        | 56          | 0.583               | 5594     | 2022        | 0.361               |
| 31         | 1809    | 2636   | 103060 | <a href="#">Raimunda Samia Nogueira Brilhante</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Ceará</a>                          | mycology  | 41      | 29          | 0.707               | 140       | 106         | 0.757               | 5590     | 3016        | 0.540               |
| 554        | 1810    | 2639   | 103125 | <a href="#">Elaine Maria Frade Costa</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicina da UniversidSãofo Paulo</a><br>Distúrbios do Desenvolvimento Sexual   Reposição hormonal   Desreguladores endócrinos                           | 41      | 26          | 0.634               | 104       | 67          | 0.644               | 5556     | 2358        | 0.424               |

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|---|---------|--------|--------|---|---|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 1811    | 2640   | 103150 | <a href="#">Rommel Rodríguez Burbano</a>        | <br>Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana   Cancerologia  | 41      | 26          | 0.634               | 138       | 84          | 0.609               | 5544     | 2426        | 0.438               |
| 42  | 1812    | 2641   | 103158 | <a href="#">Ricardo Ruther</a>                  | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | solar photovoltaics   electric vehicles   energy storage   | 41      | 30          | 0.732               | 89        | 65          | 0.730               | 5541     | 3038        | 0.548               |
| 84  | 1813    | 2642   | 103160 | <a href="#">Cesar Schultz</a>                   | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleontologia de Vertebrados   Estratigrafia   Tafonomia  | 41      | 29          | 0.707               | 135       | 100         | 0.741               | 5540     | 2715        | 0.490               |
| 555   | 1814    | 2643   | 103171 | <a href="#">Rosana Aparecida Spadoti Dantas</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto</a><br>Enfermagem. Qualidade de vida. Cardiologia. Condições crônicas   | 41      | 25          | 0.610               | 115       | 71          | 0.617               | 5536     | 2458        | 0.444               |
| 40  | 1815    | 2644   | 103193 | <a href="#">Alice Teixeira Ferreira</a>         | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">UNIFESP</a><br>Biophysic   stem cell   hematopoiesis   calcium   | 41      | 26          | 0.634               | 125       | 74          | 0.592               | 5524     | 2577        | 0.467               |
| 100   | 1816    | 2645   | 103198 | <a href="#">Daniela Micheline Dos Santos</a>    | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |  | 41      | 31          | 0.756               | 144       | 96          | 0.667               | 5520     | 3286        | 0.595               |
| 556   | 1817    | 2646   | 103206 | <a href="#">Benedito Fonseca</a>                | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Clínica Médica Medicina</a><br>dengue   virus   infectious diseases  | 41      | 26          | 0.634               | 103       | 56          | 0.544               | 5516     | 2593        | 0.470               |
| 74  | 1818    | 2647   | 103208 | <a href="#">André Luis Souza Dos Santos</a>     | <br>Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia  | 41      | 25          | 0.610               | 154       | 94          | 0.610               | 5514     | 2612        | 0.474               |
| 21  | 1819    | 2648   | 103220 | <a href="#">Maria Rita Sierakowski</a>          | <br>Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>química de macromoléculas   físico-química de colóides   propriedades de polissacarídeos                                 | 41      | 26          | 0.634               | 104       | 61          | 0.587               | 5505     | 2377        | 0.432               |
| 10  | 1820    | 2651   | 103255 | <a href="#">Derval Dos Santos Rosa</a>          | <br>Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais poliméricos   Reciclagem e Materiais Biodegradáveis                        | 41      | 29          | 0.707               | 125       | 97          | 0.776               | 5480     | 2947        | 0.538               |
| 3   | 1821    | 2653   | 103365 | <a href="#">Carlos Jacinto Da Silva</a>         | <br>Brazil | <a href="#">Universidade Federal de Alagoas</a>                        | <a href="#">Natural Sciences / Physics</a><br>Óptica   Nanofotônica   Biofotônica   Materiais  | 41      | 29          | 0.707               | 105       | 65          | 0.619               | 5418     | 3047        | 0.562               |
| 10  | 1822    | 2654   | 103371 | <a href="#">Raul Andres Mendoza Sassi</a>       | <br>Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Health services research. Equity. Health services and chronic diseases. Health services and infectious diseases | 41      | 27          | 0.659               | 86        | 57          | 0.663               | 5414     | 2176        | 0.402               |
| 557   | 1823    | 2655   | 103394 | <a href="#">Miriam Merighi</a>                  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">em</a><br>Saúde da mulher   Pesquisa qualitativa   Fenomenologia   | 41      | 22          | 0.537               | 138       | 66          | 0.478               | 5402     | 2103        | 0.389               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 1824    | 2656   | 103396 | <a href="#">Marcelo Lima Ribeiro</a>              |  Brazil   | <a href="#">Universidade São Francisco</a>                             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Cancer   Nutrigenomics  | 41      | 28          | 0.683               | 109       | 70          | 0.642               | 5402     | 2441        | 0.452               |
| 90  | 1825    | 2658   | 103409 | <a href="#">Ricardo Toshio Fujiwara</a>           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | parasitologia   vacinas   diagnóstico   imunologia   medicina tropical   | 41      | 27          | 0.659               | 130       | 105         | 0.808               | 5393     | 2799        | 0.519               |
| 29  | 1826    | 2659   | 103412 | <a href="#">Francisco Tadeu Rantin</a>            |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Comparada   Fisiologia cardiopulmonar comparada   Controle neural da função cardiopulmonar. | 41      | 20          | 0.488               | 111       | 55          | 0.495               | 5392     | 1760        | 0.326               |
| 75  | 1827    | 2660   | 103437 | <a href="#">Ana Paula Valente</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Biomolecular NMR   Protein Structure and Dynamics   Defensin   Allergen                                   | 41      | 24          | 0.585               | 90        | 52          | 0.578               | 5374     | 1565        | 0.291               |
| 101   | 1828    | 2662   | 103470 | <a href="#">Denis Abessa</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecotoxicologia   Gerenciamento Costeiro   Conservação   Poluição Aquática                                 | 41      | 31          | 0.756               | 130       | 106         | 0.815               | 5353     | 3353        | 0.626               |
| 6   | 1829    | 2663   | 103514 | <a href="#">Lucia Hisako Takase Goncalves</a>     |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | enfermagem gerontológica   | 41      | 22          | 0.537               | 111       | 62          | 0.559               | 5330     | 1712        | 0.321               |
| 76  | 1830    | 2666   | 103531 | <a href="#">Gilberto Domont</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Proteomics   Protein Chemistry  | 41      | 24          | 0.585               | 121       | 79          | 0.653               | 5323     | 2216        | 0.416               |
| 41  | 1831    | 2668   | 103546 | <a href="#">Andrea Parolin Jackowski</a>          |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">UNIFESP</a>  | 41      | 29          | 0.707               | 100       | 84          | 0.840               | 5313     | 3052        | 0.574               |
| 102   | 1832    | 2669   | 103567 | <a href="#">Carlos O Paiva Santos</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Rietveld method   Polymorphism   minerals   pharmaceuticals   ceramics                                     | 41      | 17          | 0.415               | 97        | 31          | 0.320               | 5297     | 1087        | 0.205               |
| 30  | 1833    | 2670   | 103578 | <a href="#">João Batista Fernandes</a>            |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   | 41      | 16          | 0.390               | 147       | 42          | 0.286               | 5292     | 1294        | 0.245               |
| 7   | 1834    | 2671   | 103579 | <a href="#">Leandro Juen</a>                      |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Conservação   Estatística  | 41      | 37          | 0.902               | 116       | 111         | 0.957               | 5292     | 4186        | 0.791               |
| 2   | 1835    | 2674   | 103633 | <a href="#">Rodrigo Augusto Ferreira De Souza</a> |  Brazil | <a href="#">Universidade do Estado do Amazonas UEA</a>                 | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorologia   química da atmosfera   poluição   sensoriamento remoto     | 41      | 38          | 0.927               | 102       | 92          | 0.902               | 5245     | 4195        | 0.800               |



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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 27  | 1836    | 2675   | 103635 | <a href="#">Wagner Bettiol</a>             |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa</a><br>Fitopatologia   | 41      | 19          | 0.463               | 82        | 37          | 0.451               | 5242     | 1465        | 0.279               |
| 22  | 1837    | 2676   | 103646 | <a href="#">Jean Ricardo Simões Vitule</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Biological Invasions   Biotic Homogenization   Aquatic Ecology   Ichthyology  | 41      | 34          | 0.829               | 107       | 84          | 0.785               | 5233     | 3616        | 0.691               |
| 59  | 1838    | 2677   | 103672 | <a href="#">Tania C. De Araujo-Jorge</a>   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Pesquisadora Titular em Saúde Pública da Fiocruz, Instituto Oswaldo Cruz, Lab de ...</a><br>doenças negligenciadas   ensino de ciências   ciência e arte   promoção da saúde   terapia com selênio | 41      | 20          | 0.488               | 119       | 56          | 0.471               | 5218     | 1631        | 0.313               |
| 558   | 1839    | 2678   | 103693 | <a href="#">Andre Ferraz</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Biotecnologia  | 41      | 25          | 0.610               | 103       | 55          | 0.534               | 5204     | 1912        | 0.367               |
| 148   | 1840    | 2679   | 103694 | <a href="#">Neura Bragagnolo</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>química de alimentos   | 41      | 24          | 0.585               | 102       | 63          | 0.618               | 5204     | 2217        | 0.426               |
| 85  | 1841    | 2683   | 103722 | <a href="#">Tania Maria Haas Costa</a>     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>materiais híbridos   materiais nanoestruturados   sol-gel   alta pressão   materiais porosos   | 41      | 28          | 0.683               | 127       | 77          | 0.606               | 5179     | 2931        | 0.566               |
| 559   | 1842    | 2684   | 103776 | <a href="#">Norberto Cysne Coimbra</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências  | 41      | 23          | 0.561               | 120       | 79          | 0.658               | 5142     | 1979        | 0.385               |
| 560   | 1843    | 2685   | 103779 | <a href="#">Marcia Radanovic</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Cognitive Neurology   Dementia   Language   Neurolinguistics   Neuropsychiatry   | 41      | 28          | 0.683               | 73        | 51          | 0.699               | 5140     | 2212        | 0.430               |
| 86  | 1844    | 2687   | 103801 | <a href="#">Marcia Barbosa</a>             |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">RioGrandeSul</a><br>Science   Gender   Ciência   Gênero  | 41      | 21          | 0.512               | 114       | 57          | 0.500               | 5105     | 1685        | 0.330               |
| 561   | 1845    | 2688   | 103805 | <a href="#">Marly Augusto Cardoso</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Epidemiologia   Saúde Pública   Saúde Coletiva   | 41      | 25          | 0.610               | 113       | 78          | 0.690               | 5099     | 2181        | 0.428               |
| 91  | 1846    | 2690   | 103819 | <a href="#">Ruben Dario Sinisterra</a>     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   drug delivery systems   nanobiotechnology   | 41      | 25          | 0.610               | 108       | 63          | 0.583               | 5078     | 2150        | 0.423               |
| 2   | 1847    | 2691   | 103832 | <a href="#">Cláudia Martins Carneiro</a>   |  Brazil | <a href="#">Universidade Federal de Ouro Preto UFOP</a>         | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology   Immunology   Cytology   Cancer   Microscopy   | 41      | 26          | 0.634               | 110       | 71          | 0.645               | 5067     | 2426        | 0.479               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 562        | 1848    | 2692   | 103884 | <a href="#">Sergio Akira Uyemura</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Bioenergética e Metabolismo   Biologia Molecular de Microrganismos | 41      | 22          | 0.537               | 93        | 55          | 0.591               | 5013     | 1553        | 0.310               |
| 563        | 1849    | 2693   | 103888 | <a href="#">Beatriz Rosana Cordenunsi</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>alimentos  | 41      | 26          | 0.634               | 68        | 54          | 0.794               | 5011     | 1898        | 0.379               |
| 16         | 1850    | 2695   | 103918 | <a href="#">Christina Barja Fidalgo</a>                 |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Inflammation   Cancer   Obesity   Cell Signaling                       | 41      | 21          | 0.512               | 96        | 59          | 0.615               | 4972     | 1691        | 0.340               |
| 103        | 1851    | 2696   | 103927 | <a href="#">Gastao Krein</a>                            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Physics   | 41      | 21          | 0.512               | 109       | 42          | 0.385               | 4965     | 1555        | 0.313               |
| 5          | 1852    | 2697   | 103941 | <a href="#">Paulo De Tarso Camillo De Carvalho</a>      |  Brazil   | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">sPosGraduaÃ§Ã£oReabilitaÃ§Ã£oBiotônica</a><br>reabilitacao  | 41      | 30          | 0.732               | 108       | 83          | 0.769               | 4956     | 2873        | 0.580               |
| 92         | 1853    | 2698   | 103988 | <a href="#">Denise Carmona Cara</a>                     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Inflammation  | 41      | 26          | 0.634               | 74        | 49          | 0.662               | 4916     | 2020        | 0.411               |
| 564        | 1854    | 2699   | 103989 | <a href="#">Sergio Uyemura</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Bioenergética e Metabolismo   Biologia Molecular de Microrganismos | 41      | 22          | 0.537               | 92        | 54          | 0.587               | 4915     | 1503        | 0.306               |
| 565        | 1855    | 2700   | 104002 | <a href="#">Leandra Náira Zambelli Ramalho</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia  | 41      | 24          | 0.585               | 118       | 65          | 0.551               | 4903     | 1967        | 0.401               |
| 104        | 1856    | 2701   | 104014 | <a href="#">João Eduardo Gomes Filho</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Processo de Reparo   Bimateriais   Regeneração Pulpar                 | 41      | 32          | 0.780               | 102       | 89          | 0.873               | 4896     | 3040        | 0.621               |
| 105        | 1857    | 2703   | 104024 | <a href="#">Maria Lucia Negreiros Fransozo</a>          |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biologia de Crustacea Decapoda   | 41      | 16          | 0.390               | 134       | 53          | 0.396               | 4888     | 1269        | 0.260               |
| 5          | 1858    | 2705   | 104059 | <a href="#">Eraldo Medeiros Costa Neto</a>              |  Brazil | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>         | <a href="#">UEFSFeirSantana</a><br>Etnobiologia   Biologia da Conservação   Entomofagia   | 41      | 20          | 0.488               | 105       | 58          | 0.552               | 4860     | 1830        | 0.377               |
| 1          | 1859    | 2706   | 104064 | <a href="#">Biagio F Giannetti</a>                      |  Brazil | <a href="#">Universidade Paulista UNIP</a>                             | <a href="#">Engineering &amp; Technology / Engineering</a><br>Produção Mais Limpa   Ecologia Industrial   Emergia                             | 41      | 32          | 0.780               | 96        | 76          | 0.792               | 4852     | 2957        | 0.609               |

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| University  | Country | Region | World  | Name                                      | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 31  | 1860    | 2707   | 104130 | <a href="#">Sonia R Biaggio</a>           | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemistry   | 41      | 23          | 0.561               | 79        | 43          | 0.544               | 4768     | 1577        | 0.331               |
| 106   | 1861    | 2708   | 104134 | <a href="#">Iracilda Zeppone Carlos</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Imunologia Básica e aplicada   Imunologia Celular  | 41      | 24          | 0.585               | 117       | 72          | 0.615               | 4763     | 1959        | 0.411               |
| 566   | 1862    | 2709   | 104137 | <a href="#">Maria Julia Manso Alves</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a>   | 41      | 19          | 0.463               | 84        | 36          | 0.429               | 4759     | 1211        | 0.254               |
| 3   | 1863    | 2710   | 104183 | <a href="#">Sergio F Aquino</a>           | <br>Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Environmental Chemical Engineering   Environmental Biotechnology   Biorefinery   Anaerobic Digestion   Industrial Wastewater Treatme | 41      | 32          | 0.780               | 84        | 69          | 0.821               | 4701     | 2669        | 0.568               |
| 567   | 1864    | 2711   | 104236 | <a href="#">Eliane Candiani Arantes</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Toxinas Animais   Toxicologia   Farmácia   | 41      | 24          | 0.585               | 111       | 79          | 0.712               | 4621     | 2215        | 0.479               |
| 43  | 1865    | 2712   | 104249 | <a href="#">Ricardo Jose Nunes</a>        | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry   Medicinal Chemistry   Biochemistry   chemistry   | 41      | 24          | 0.585               | 109       | 65          | 0.596               | 4602     | 1795        | 0.390               |
| 568   | 1866    | 2714   | 104268 | <a href="#">Sirlei Daffre</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a>   | 41      | 23          | 0.561               | 74        | 51          | 0.689               | 4581     | 1456        | 0.318               |
| 107   | 1867    | 2715   | 104293 | <a href="#">Maurício Bacci Júnior</a>     | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Evolution   Myrmecology   Microbiology  | 41      | 23          | 0.561               | 87        | 52          | 0.598               | 4526     | 1604        | 0.354               |
| 4   | 1868    | 2716   | 104318 | <a href="#">Marta De Lana</a>             | <br>Brazil | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Trypanosoma cruzi e doença de Chagas   | 41      | 20          | 0.488               | 94        | 49          | 0.521               | 4463     | 1272        | 0.285               |
| 569   | 1869    | 2718   | 104329 | <a href="#">Elisabeth Meloni Vieira</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciSocialFMRPP</a><br>saúde reprodutiva   | 41      | 23          | 0.561               | 70        | 48          | 0.686               | 4441     | 1795        | 0.404               |
| 7   | 1870    | 2719   | 104338 | <a href="#">Paula Cristina Trevilatto</a> | <br>Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Genética molecular   polimorfismos genéticos   inflamação   | 41      | 23          | 0.561               | 76        | 63          | 0.829               | 4420     | 1556        | 0.352               |
| 570   | 1871    | 2720   | 104343 | <a href="#">Jose Cesar Rosa Neto</a>      | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   Metabolismo   Imunologia   Câncer   Obesidade  | 41      | 31          | 0.756               | 82        | 76          | 0.927               | 4406     | 2592        | 0.588               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 44         | 1872    | 2722   | 104361 | <a href="#">Paulo Horta</a>                             | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Biology   Climate Change   Marine Pollution   Conservation   Phycology | 41      | 29          | 0.707               | 93        | 70          | 0.753               | 4362     | 2636        | 0.604               |
| 149        | 1873    | 2723   | 104364 | <a href="#">Novello JC</a>                              | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 41      | 14          | 0.341               | 87        | 24          | 0.276               | 4329     | 750         | 0.173               |
| 87         | 1874    | 2725   | 104376 | <a href="#">Sérgio Dillenburg</a>                       | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Coastal Geology   | 41      | 26          | 0.634               | 80        | 61          | 0.763               | 4294     | 1951        | 0.454               |
| 571        | 1875    | 2726   | 104385 | <a href="#">Helena De Freitas Oliveira Paranhos</a>     | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>prótese total   biofilmes   higiene oral   | 41      | 27          | 0.659               | 83        | 59          | 0.711               | 4248     | 1985        | 0.467               |
| 6          | 1876    | 2730   | 104513 | <a href="#">Suely Rolnik</a>                            | <br>Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>   | <a href="#">Social Sciences / Psychology</a><br>micropolítica   psicanálise   subjetividade   colonialidade   arte  | 40      | 27          | 0.675               | 84        | 54          | 0.643               | 22388    | 8423        | 0.376               |
| 11         | 1877    | 2731   | 104541 | <a href="#">Ann L Cunliffe</a>                          | <br>Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                            | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Reflexivity   leadership   qualitative research methods               | 40      | 35          | 0.875               | 61        | 51          | 0.836               | 20496    | 8306        | 0.405               |
| 108        | 1878    | 2732   | 104550 | <a href="#">Jefferson Prado</a>                         | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Systematic   Taxonomy   Phylogeny   and Ecology of Ferns and Lycophytes                                | 40      | 27          | 0.675               | 153       | 69          | 0.451               | 19729    | 10576       | 0.536               |
| 572        | 1879    | 2735   | 104613 | <a href="#">Eliseu Martins</a>                          | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Contabilidade   | 40      | 24          | 0.600               | 93        | 45          | 0.484               | 16758    | 4274        | 0.255               |
| 150        | 1880    | 2736   | 104618 | <a href="#">Carmen Veríssima Ferreira</a>               | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Transdução de Sinal   câncer   morte celular   | 40      | 23          | 0.575               | 87        | 57          | 0.655               | 16550    | 7853        | 0.475               |
| 573        | 1881    | 2737   | 104622 | <a href="#">Claudio Alvarenga De Oliveira</a>           | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>LINGUÍSTICA APLICADA   INTELIGENCIA ARTIFICIAL   | 40      | 28          | 0.700               | 136       | 71          | 0.522               | 16371    | 13087       | 0.799               |
| 574        | 1882    | 2739   | 104638 | <a href="#">Carlos Oliveira</a>                         | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Mycology</a><br>LINGUÍSTICA APLICADA   INTELIGENCIA ARTIFICIAL  | 40      | 29          | 0.725               | 134       | 76          | 0.567               | 15907    | 12987       | 0.816               |
| 6          | 1883    | 2745   | 104848 | <a href="#">Martin Makler</a>                           | <br>Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Astrophysics  | 40      | 31          | 0.775               | 66        | 49          | 0.742               | 12115    | 6700        | 0.553               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 77  | 1884    | 2748   | 104927 | <a href="#">Miguel Alexandre Novak</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Natural Sciences / Physics</a><br>Física   Química   Ciência dos Materiais  | 40      | 19          | 0.475               | 94        | 35          | 0.372               | 11283    | 2415        | 0.214               |
| 93  | 1885    | 2749   | 104928 | <a href="#">Leonardo Cruz De Souza</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Cognitive Neurology   | 40      | 35          | 0.875               | 83        | 77          | 0.928               | 11264    | 6781        | 0.602               |
| 15  | 1886    | 2751   | 105013 | <a href="#">Fredie Didier Jr Fredie Didier Junior, Fredie Souza Didier Jr.</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                  | <a href="#">ProcessualCivilBahia</a><br>Direito Processual Civil   Teoria Geral do Processo   | 40      | 29          | 0.725               | 103       | 66          | 0.641               | 10705    | 4974        | 0.465               |
| 575   | 1887    | 2752   | 105051 | <a href="#">Luiz Felipe Pinho Moreira</a>                                      | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Cardiology</a><br>Insuficiência cardíaca   transplante cardíaco   engenharia de tecidos   | 40      | 19          | 0.475               | 141       | 48          | 0.340               | 10488    | 1865        | 0.178               |
| 576   | 1888    | 2753   | 105093 | <a href="#">Alexandre A De Oliveira</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   | 40      | 30          | 0.750               | 77        | 59          | 0.766               | 10239    | 5929        | 0.579               |
| 78  | 1889    | 2754   | 105124 | <a href="#">Edson H Watanabe</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Engineering &amp; Technology / Engineering</a><br>COPPE/UFRJ  | 40      | 20          | 0.500               | 101       | 43          | 0.426               | 10019    | 2763        | 0.276               |
| 6   | 1890    | 2756   | 105191 | <a href="#">Cássio Van Den Berg</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Phylogenomics   Plant Population Genetics   Plant Morphometrics   Orchidaceae   Conservation Genetics                         | 40      | 27          | 0.675               | 102       | 70          | 0.686               | 9689     | 4319        | 0.446               |
| 45  | 1891    | 2757   | 105200 | <a href="#">Ronice Müller De Quadros</a>                                       | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | <a href="#">Social Sciences / Linguistics and Literature</a><br>Sign language   Sign linguistics   Bimodal Bilingualism   Sign language acquisition   Deaf Education                              | 40      | 25          | 0.625               | 122       | 71          | 0.582               | 9641     | 4270        | 0.443               |
| 2   | 1892    | 2759   | 105286 | <a href="#">Sergio Lazzarini</a>   | <br><a href="#">Brazil</a> | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>          | <a href="#">Business &amp; Management / Strategic Management</a><br>Strategic Management   Organizational Economics   Strategy and Public Policy   Public-Private Partnerships   Impact Investing | 40      | 32          | 0.800               | 77        | 53          | 0.688               | 9338     | 4280        | 0.458               |
| 16  | 1893    | 2760   | 105295 | <a href="#">Jorge M David</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal da Bahia</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemistry   natural products chemistry  | 40      | 23          | 0.575               | 116       | 70          | 0.603               | 9283     | 4525        | 0.487               |
| 17  | 1894    | 2761   | 105301 | <a href="#">Mario Roberto Dal Poz</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>  | global health   human resources for health   health planning   health information   health policy   | 40      | 29          | 0.725               | 80        | 51          | 0.638               | 9261     | 3135        | 0.339               |
| 1   | 1895    | 2762   | 105305 | <a href="#">Fernando Mayer Pelicice</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Norte do Tocantins</a>     | <a href="#">Universidade Federal do Tocantins</a><br>Biodiversidade   ecologia e conservação  | 40      | 34          | 0.850               | 75        | 64          | 0.853               | 9254     | 5192        | 0.561               |

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| University | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 577        | 1896    | 2766   | 105391 | <a href="#">Rodrigo T Calado</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology   oncology   bone marrow failure   and telomere diseases                        | 40      | 27          | 0.675               | 92        | 71          | 0.772               | 9032     | 3739        | 0.414               |
| 18         | 1897    | 2767   | 105428 | <a href="#">Mario Fritsch Neves</a>  |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | <a href="#">Universida</a><br>Hypertension   Insulin resistance   Arterial Stiffness   Endothelial dysfunction   Vascular aging                        | 40      | 30          | 0.750               | 78        | 60          | 0.769               | 8898     | 4751        | 0.534               |
| 7          | 1898    | 2769   | 105506 | <a href="#">Daniel Schwabe</a>   |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Informatica(PUC)(ret)</a><br>Model driven Socio Technical Systems   Knowledge Graphs   Semantic Web   Knowledge Management                 | 40      | 13          | 0.325               | 94        | 16          | 0.170               | 8673     | 606         | 0.070               |
| 578        | 1899    | 2770   | 105517 | <a href="#">Laura Camargo Macruz Feuerwerker</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">SaúPúblic</a><br>Políticas de Saúde   Micropolítica do Trabalho e do Cuidado em Saúde: Gestão em Saúde   Educação de Profissionais de Saúd | 40      | 25          | 0.625               | 81        | 44          | 0.543               | 8631     | 2831        | 0.328               |
| 579        | 1900    | 2771   | 105557 | <a href="#">Sergio Pa Toledo</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>endocrinology  | 40      | 22          | 0.550               | 86        | 38          | 0.442               | 8515     | 1814        | 0.213               |
| 5          | 1901    | 2773   | 105729 | <a href="#">John Wilkinson</a>   |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>         | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economic Sociology and the Global Agrofood System  | 40      | 22          | 0.550               | 96        | 40          | 0.417               | 8124     | 2084        | 0.257               |
| 88         | 1902    | 2774   | 105759 | <a href="#">Claiton Henrique Dotto Bau</a>                                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Psychiatry   | 40      | 25          | 0.625               | 106       | 69          | 0.651               | 8064     | 4984        | 0.618               |
| 580        | 1903    | 2775   | 105816 | <a href="#">Roberto Kalil Filho</a>  |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiologia   clinica médica   terapia intensiva e cardio-oncologia.                       | 40      | 30          | 0.750               | 129       | 90          | 0.698               | 7939     | 4753        | 0.599               |
| 581        | 1904    | 2776   | 105860 | <a href="#">Maria Lucia Zaidan Dagli</a>                                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a>  | 40      | 22          | 0.550               | 155       | 62          | 0.400               | 7861     | 3356        | 0.427               |
| 2          | 1905    | 2777   | 105876 | <a href="#">Ademir Zattera</a>   |  Brazil | <a href="#">Universidade de Caxias do Sul</a>                              | Processamento de Polímeros   | 40      | 34          | 0.850               | 125       | 100         | 0.800               | 7826     | 5189        | 0.663               |
| 94         | 1906    | 2779   | 105962 | <a href="#">Renato Assunção RM Assunção, Renato M Assunção, R Assuncao</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>statistics   machine learning   spatial statistics   Bayesian statistics            | 40      | 27          | 0.675               | 97        | 59          | 0.608               | 7685     | 2884        | 0.375               |
| 46         | 1907    | 2780   | 105971 | <a href="#">Brigido Vizeu Camargo</a>                                      |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Social Sciences / Psychology</a><br>Psicologia Social   Representações Sociais   | 40      | 25          | 0.625               | 99        | 67          | 0.677               | 7675     | 4322        | 0.563               |



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| University  | Country | Region | World  | Name                                      | Country | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 1908    | 2783   | 106112 | <a href="#">Daniel Gil Pérez</a><br>🏅     | Brazil  | <a href="#">Instituto Federal Goiano</a>                      |  | 40      | 24          | 0.600               | 71        | 44          | 0.620               | 7459     | 2368        | 0.317               |
| 47  | 1909    | 2784   | 106162 | <a href="#">Marta Lenise Do Prado</a>     | Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Pósgradua</a> <a href="#">Enfermagem</a>   <a href="#">Enfermagem</a>   <a href="#">Pesquisa em saúde</a>  | 40      | 26          | 0.650               | 132       | 75          | 0.568               | 7400     | 4286        | 0.579               |
| 19  | 1910    | 2786   | 106277 | <a href="#">Francisco Ortega</a>          | Brazil  | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Social Sciences / Social Sciences</a><br>medical anthropology   social sciences and health   global mental health   medical humanities   history and philosophy of science | 40      | 30          | 0.750               | 79        | 59          | 0.747               | 7255     | 3485        | 0.480               |
| 60  | 1911    | 2788   | 106327 | <a href="#">Sonia Gumes Andrade</a>       | Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">Professora Adjunto IV da Universidade Federal da Bahia; Pesquisador Titular do Centro de ...</a><br>Patologia Experimental das Doenças Parasitárias                        | 40      | 14          | 0.350               | 95        | 21          | 0.221               | 7179     | 1600        | 0.223               |
| 582   | 1912    | 2789   | 106338 | <a href="#">Fabio Kon</a>                 | Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Systems   Smart Cities   Data Science   Open Source   Startups   | 40      | 23          | 0.575               | 125       | 55          | 0.440               | 7166     | 2432        | 0.339               |
| 583   | 1913    | 2790   | 106343 | <a href="#">Daniela Prócida Raggio</a>    | Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   dentística   materiais dentários  | 40      | 33          | 0.825               | 123       | 95          | 0.772               | 7160     | 4192        | 0.585               |
| 583   | 1913    | 2790   | 106343 | <a href="#">Daniela Raggio</a>            | Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Odontopediatria   | 40      | 33          | 0.825               | 123       | 95          | 0.772               | 7160     | 4192        | 0.585               |
| 585   | 1915    | 2792   | 106349 | <a href="#">Anuj Kumar Chandel</a>        | Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemicals   Cellulosic ethanol   Industrial Biotechnology   Bioprocess engineering   Biocatalysts                     | 40      | 34          | 0.850               | 103       | 91          | 0.883               | 7156     | 4277        | 0.598               |
| 28  | 1916    | 2793   | 106368 | <a href="#">Joice Ferreira</a>            | Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   conservation biology   biodiversity   carbon   ecosystem services   | 40      | 37          | 0.925               | 72        | 63          | 0.875               | 7141     | 5699        | 0.798               |
| 586   | 1917    | 2794   | 106377 | <a href="#">Maria De Lourdes Polizeli</a> | Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">UniversidSão Paulo</a><br>Enzymes   fungi   xylanase   lipase   bioethanol   | 40      | 27          | 0.675               | 138       | 91          | 0.659               | 7130     | 3071        | 0.431               |
| 5   | 1918    | 2797   | 106422 | <a href="#">Gilberto Perez</a>            | Brazil  | <a href="#">Universidade Presbiteriana Mackenzie</a>          | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Inovação   Sistemas de Informação   Tecnologia de Informação   | 40      | 29          | 0.725               | 168       | 83          | 0.494               | 7094     | 3544        | 0.500               |
| 587   | 1919    | 2799   | 106478 | <a href="#">Guilherme Veiga Guimaraes</a> | Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">InCorHCFMP</a><br>atividade física   resposta cardiovascular ao exercício   exercício e doenças crônicas-degenerativas   Pilates   | 40      | 26          | 0.650               | 106       | 56          | 0.528               | 7040     | 2588        | 0.368               |
| 95  | 1920    | 2800   | 106589 | <a href="#">Alberto Hf Laender</a>        | Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Web Data Management   Digital Libraries   Bibliometrics   Social Networks                               | 40      | 20          | 0.500               | 118       | 50          | 0.424               | 6939     | 1531        | 0.221               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 29         | 1921    | 2801   | 106636 | <a href="#">Joao Marins</a>                             |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição esportiva   termografia   avaliação física   atividade física e saúde                                      | 40      | 27          | 0.675               | 140       | 91          | 0.650               | 6895     | 3538        | 0.513               |
| 8          | 1922    | 2805   | 106751 | <a href="#">Iracilda Sampaio</a>                        |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Biology   Systematics   Molecular Phylogeny   Fishes   Primates   | 40      | 23          | 0.575               | 140       | 97          | 0.693               | 6768     | 2466        | 0.364               |
| 16         | 1923    | 2806   | 106761 | <a href="#">Marcus Herbert Jones</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Pontifical Catholic of Rio Grando Sul</a><br>pediatric respiratory   | 40      | 28          | 0.700               | 88        | 60          | 0.682               | 6762     | 3074        | 0.455               |
| 588        | 1924    | 2807   | 106807 | <a href="#">Luiz Augusto Carneiro D Albuquerque</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Disciplina de Transplantes de Fígado e Órgãos do Aparelho Digestivo(Fígado   Pancreas   Multivisceral e Intestino Delgado) | 40      | 28          | 0.700               | 137       | 81          | 0.591               | 6715     | 3495        | 0.520               |
| 48         | 1925    | 2810   | 106826 | <a href="#">Maria Itayra Coelho De Souza Padilha</a>    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">History, Philosophy, Theology / History</a><br>Enfermagem   historia da saude   historia da enfermagem   pesquisa qualitativa  | 40      | 26          | 0.650               | 185       | 81          | 0.438               | 6702     | 2653        | 0.396               |
| 32         | 1926    | 2811   | 106862 | <a href="#">Thelma Leite De Araújo</a>                  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | Sistematização da assistência   tecnologia de enfermagem   | 40      | 20          | 0.500               | 186       | 66          | 0.355               | 6670     | 2220        | 0.333               |
| 589        | 1927    | 2813   | 106961 | <a href="#">Maria Carolina De Oliveira Rodrigues</a>    |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   Transplante   Células-tronco   Doenças autoimunes   Terapia Celular   | 40      | 31          | 0.775               | 116       | 68          | 0.586               | 6595     | 3296        | 0.500               |
| 590        | 1928    | 2814   | 106971 | <a href="#">Paulo Inácio De Knegt López De Prado</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Theoretical Ecology   community ecology   quantification of biological diversity   statistics in ecology                            | 40      | 27          | 0.675               | 82        | 54          | 0.659               | 6591     | 2828        | 0.429               |
| 3          | 1929    | 2815   | 106987 | <a href="#">Jaime E. Muñoz Rivera</a>                   |  Brazil | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>               | <a href="#">Lncc</a><br>Partial Differential Equations   Analysis  | 40      | 26          | 0.650               | 120       | 68          | 0.567               | 6583     | 2614        | 0.397               |
| 9          | 1930    | 2816   | 106992 | <a href="#">Roberto Dall Agnol</a>                      |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Petrology/Geochemistry/Crustal Evolution/Regional Geology/Magnetic Petrology   | 40      | 28          | 0.700               | 124       | 74          | 0.597               | 6580     | 2795        | 0.425               |
| 591        | 1931    | 2817   | 107004 | <a href="#">Eduardo Viola</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Social Sciences / International Relations</a><br>International Politics Anthropocene Climate Change/Energy Exponential Technological Acceleration Brazil Foreign Policy          | 40      | 21          | 0.525               | 93        | 46          | 0.495               | 6572     | 1780        | 0.271               |
| 12         | 1932    | 2819   | 107060 | <a href="#">Teodorico De Castro Ramalho</a>             |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Computational Chemistry   Physical-Chemistry   Computer Aided Drug Discovery   Protein-Ligand Interaction   Medicinal Chemistry      | 40      | 28          | 0.700               | 199       | 126         | 0.633               | 6535     | 3571        | 0.546               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 109   | 1933    | 2821   | 107112 | <a href="#">Lilian Casatti</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Riachos   Peixes   Conservação  | 40      | 30          | 0.750               | 83        | 67          | 0.807               | 6501     | 2486        | 0.382               |
| 592   | 1934    | 2823   | 107176 | <a href="#">Sérgio Carlos Zilio</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Óptica  | 40      | 20          | 0.500               | 132       | 47          | 0.356               | 6453     | 1400        | 0.217               |
| 593   | 1935    | 2826   | 107243 | <a href="#">Nilton Lincopan</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   Antimicrobial Resistance   Antibiotics   | 40      | 30          | 0.750               | 131       | 115         | 0.878               | 6399     | 3925        | 0.613               |
| 4   | 1936    | 2828   | 107272 | <a href="#">Maria Elisa Caputo Ferreira</a> |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>                  | <a href="#">Education / Education</a><br>Corpo e Diversidade  | 40      | 30          | 0.750               | 152       | 99          | 0.651               | 6383     | 3995        | 0.626               |
| 594   | 1937    | 2830   | 107321 | <a href="#">Lidia Rossi</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a>  | 40      | 19          | 0.475               | 142       | 60          | 0.423               | 6341     | 1929        | 0.304               |
| 14  | 1938    | 2831   | 107362 | <a href="#">Melo Marcus André</a>           |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Social Sciences / Political Science</a><br>political science   sociology   economics  | 40      | 21          | 0.525               | 90        | 36          | 0.400               | 6307     | 1705        | 0.270               |
| 595   | 1939    | 2833   | 107400 | <a href="#">Marcelo Assumpcao</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geofísica   Sismologia   | 40      | 26          | 0.650               | 90        | 61          | 0.678               | 6276     | 2128        | 0.339               |
| 96  | 1940    | 2834   | 107430 | <a href="#">Ricardo Alves Mesquita</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Pathology</a><br>Lesões císticas   inflamatórias e neoplásicas da boca  | 40      | 27          | 0.675               | 147       | 86          | 0.585               | 6257     | 2782        | 0.445               |
| 596   | 1941    | 2835   | 107460 | <a href="#">Cristina Kurachi</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Optical diagnostics   photodynamic therapy   laser  | 40      | 27          | 0.675               | 131       | 88          | 0.672               | 6238     | 2888        | 0.463               |
| 597   | 1942    | 2836   | 107517 | <a href="#">Namie Okino Sawada</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">GeraleEzaã€!</a><br>saúde   | 40      | 25          | 0.625               | 105       | 61          | 0.581               | 6199     | 2421        | 0.391               |
| 8   | 1943    | 2838   | 107554 | <a href="#">Terezinha Féres Carneiro</a>    |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica   Psicoterapia Familiar   Avaliação Familiar   Família e Casal                                   | 40      | 23          | 0.575               | 122       | 60          | 0.492               | 6174     | 2278        | 0.369               |
| 33  | 1944    | 2840   | 107673 | <a href="#">Reinaldo Oria</a>               |  Brazil | <a href="#">Universidade Federal do Ceará</a>                              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociência   histologia e citologia   biologia celular e molecular   doenças infecciosas   nutrição | 40      | 28          | 0.700               | 84        | 70          | 0.833               | 6092     | 3643        | 0.598               |
| 110   | 1945    | 2841   | 107687 | <a href="#">Benedito Sergio Denadai</a>     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">TreinamentoEsportivoAvaliaÃŠã€!oPerformanceã€!</a><br>Treinamento Esportivo   Fisiologia do Exercício   | 40      | 23          | 0.575               | 148       | 68          | 0.459               | 6077     | 2264        | 0.373               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 598        | 1946    | 2844   | 107746 | <a href="#">Ecn Silva</a>                               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Mechatronics Engineering</a><br>topology optimization   piezoelectric materials   capacitive   tomography   laser interferometry | 40      | 24          | 0.600               | 127       | 81          | 0.638               | 6045     | 2506        | 0.415               |
| 29         | 1947    | 2845   | 107798 | <a href="#">Maurício Mello De Alencar</a>               | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                |   | 40      | 20          | 0.500               | 162       | 43          | 0.265               | 6007     | 1654        | 0.275               |
| 61         | 1948    | 2846   | 107859 | <a href="#">Antonio G Pacheco</a>                       | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">PROCC - Fiocruz</a>   | 40      | 26          | 0.650               | 87        | 68          | 0.782               | 5974     | 3154        | 0.528               |
| 30         | 1949    | 2847   | 107911 | <a href="#">Julio Cezar Franchini</a>                   | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador de Manejo do Solo, Embrapa</a><br>Manejo do solo - Fertilidade do solo - Sistemas de produção   | 40      | 29          | 0.725               | 93        | 71          | 0.763               | 5939     | 2915        | 0.491               |
| 599        | 1950    | 2848   | 107915 | <a href="#">Paulo Roberto Barbosa Evora</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a>  | 40      | 21          | 0.525               | 144       | 57          | 0.396               | 5933     | 2002        | 0.337               |
| 97         | 1951    | 2849   | 107920 | <a href="#">Wander Vasconcelos</a>                      | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   | 40      | 23          | 0.575               | 104       | 61          | 0.587               | 5930     | 2364        | 0.399               |
| 9          | 1952    | 2850   | 107940 | <a href="#">J Landeira-Fernandez</a>                    | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Social Sciences / Psychology</a><br>Psychology  | 40      | 27          | 0.675               | 114       | 72          | 0.632               | 5916     | 2491        | 0.421               |
| 23         | 1953    | 2853   | 107962 | <a href="#">Marcos Lúcio Corazza</a>                    | <br>Brazil | <a href="#">Universidade Federal do Paraná</a>                             | <a href="#">(UFPR)</a><br>Phase equilibrium   supercritical fluids   biofuels   | 40      | 28          | 0.700               | 149       | 104         | 0.698               | 5899     | 3145        | 0.533               |
| 79         | 1954    | 2854   | 108000 | <a href="#">Marcus F Oliveira</a>                       | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>Energy and redox metabolism   heme metabolism  | 40      | 27          | 0.675               | 68        | 59          | 0.868               | 5880     | 2763        | 0.470               |
| 600        | 1955    | 2855   | 108027 | <a href="#">Maria Amélia De Campos Oliveira</a>         | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">EnfermagemUniversidSão Paulo</a><br>enfermagem   saúde coletiva   necessidades em saúde   | 40      | 28          | 0.700               | 100       | 60          | 0.600               | 5866     | 2570        | 0.438               |
| 151        | 1956    | 2856   | 108137 | <a href="#">Francisco C Groppo</a>                      | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Pharmacology   Anesthesiology and Therapeutics   | 40      | 30          | 0.750               | 146       | 110         | 0.753               | 5799     | 3375        | 0.582               |
| 601        | 1957    | 2857   | 108160 | <a href="#">Flávio Vieira Meirelles</a>                 | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Cytoplasmic inheritance   Nuclear reprogramming  | 40      | 27          | 0.675               | 125       | 84          | 0.672               | 5791     | 2633        | 0.455               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 602   | 1958    | 2860   | 108212 | <a href="#">Fernando Dini Andreote</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                       | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   metagenoma   análises independentes de cultivo   | 40      | 32          | 0.800               | 107       | 86          | 0.804               | 5760     | 3575        | 0.621               |
| 28  | 1959    | 2861   | 108235 | <a href="#">Renato Resende</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                        | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia vegetal   interação vírus/hospedeiros   resistência a infecção viral   diversidade viral                 | 40      | 21          | 0.525               | 108       | 61          | 0.565               | 5749     | 1976        | 0.344               |
| 3   | 1960    | 2862   | 108246 | <a href="#">Antonio Marciano Da Silva</a>       |  Brazil   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>           | <a href="#">Visitante Sênior</a><br>Recursos Hídricos   Meio Ambiente   Engenharia de Água e Solo  | 40      | 22          | 0.550               | 131       | 57          | 0.435               | 5746     | 1878        | 0.327               |
| 6   | 1961    | 2863   | 108250 | <a href="#">Thereza Maria Magalhães Moreira</a> |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                      | Enfermagem em Saúde Pública   Cronicidades   Estudos de validação   Tecnologias   Covid-19   | 40      | 29          | 0.725               | 128       | 81          | 0.633               | 5745     | 3141        | 0.547               |
| 1   | 1962    | 2864   | 108265 | <a href="#">Marcelo Linardi</a>                 |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares IPEN</a> | <a href="#">Instituto de Pesquisas Energéticas e Nucleares IPEN</a>  | 40      | 21          | 0.525               | 81        | 40          | 0.494               | 5739     | 1453        | 0.253               |
| 1   | 1963    | 2866   | 108339 | <a href="#">Edson Antonio Da Silva</a>          |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>adsorção   troca iônica   secagem   biodiesel   extração supercrítica                                 | 40      | 31          | 0.775               | 125       | 96          | 0.768               | 5699     | 3134        | 0.550               |
| 603   | 1964    | 2867   | 108365 | <a href="#">Cláudio Mendes Pannuti</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Pesquisa Clínica em Periodontia   Tabagismo   Epidemiologia   Antimicrobianos                                     | 40      | 31          | 0.775               | 104       | 80          | 0.769               | 5689     | 3113        | 0.547               |
| 98  | 1965    | 2869   | 108406 | <a href="#">Sergio Santos</a>                   |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>           | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Metabolismo   Sistema Renina-Angiotensina-(RAS)   Sirtuinas   Obesidade   Síndrome Metabólica | 40      | 33          | 0.825               | 107       | 81          | 0.757               | 5673     | 3403        | 0.600               |
| 23  | 1966    | 2870   | 108412 | <a href="#">Roberto Kenji Nakamura Cuman</a>    |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                    | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacologia   produtos naturais   doenças crônicas e degenerativas   saúde humana                             | 40      | 29          | 0.725               | 99        | 69          | 0.697               | 5669     | 2894        | 0.510               |
| 604   | 1967    | 2871   | 108413 | <a href="#">Luis Eduardo Soares Netto</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Bioquímica   Antioxidantes   | 40      | 24          | 0.600               | 70        | 48          | 0.686               | 5668     | 1740        | 0.307               |
| 605   | 1968    | 2872   | 108418 | <a href="#">Debora Falleiros De Mello</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                       | Saúde da criança   | 40      | 24          | 0.600               | 126       | 75          | 0.595               | 5660     | 2449        | 0.433               |
| 606   | 1969    | 2874   | 108473 | <a href="#">Marcos Bryan Heinemann</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>medicina veterinária   virologia   bacteriologia   epidemiologia  | 40      | 26          | 0.650               | 153       | 110         | 0.719               | 5637     | 2962        | 0.525               |
| 62  | 1970    | 2876   | 108496 | <a href="#">Vera Luiza</a>                      |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                               | <a href="#">Fundação Oswaldo Cruz</a><br>assistência farmacêutica   saúde pública  | 40      | 32          | 0.800               | 82        | 64          | 0.780               | 5622     | 3439        | 0.612               |



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| University | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 15         | 1971    | 2877   | 108498 | <a href="#">Antonio Azevedo</a>  | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                        | <a href="#">Natural Sciences / Physics</a><br>Spintronics   Nanomagnetism   | 40      | 26          | 0.650               | 90        | 56          | 0.622               | 5621     | 2595        | 0.462               |
| 89         | 1972    | 2880   | 108531 | <a href="#">Eduardo Remor</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>           | <a href="#">Social Sciences / Psychology</a><br>Health Psychology   Behavioral Medicine   | 40      | 25          | 0.625               | 82        | 49          | 0.598               | 5606     | 2337        | 0.417               |
| 34         | 1973    | 2881   | 108554 | <a href="#">Nágila MPS Ricardo</a>   | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>liberacao de fármacos   copolímeros   polissacarídeos   nanotecnologia   biolubrificantes | 40      | 29          | 0.725               | 125       | 91          | 0.728               | 5587     | 3058        | 0.547               |
| 1          | 1974    | 2882   | 108559 | <a href="#">Solange Muglia Wechsler</a><br> | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Social Sciences / Psychology</a><br>creativity   intelligence   styles   temperament   tests  | 40      | 23          | 0.575               | 116       | 64          | 0.552               | 5584     | 2302        | 0.412               |
| 607        | 1975    | 2883   | 108564 | <a href="#">Leonardo Resstel Barbosa Moraes</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neurofarmacologia   | 40      | 24          | 0.600               | 125       | 78          | 0.624               | 5580     | 2362        | 0.423               |
| 30         | 1976    | 2887   | 108619 | <a href="#">Rogério De Paula Lana</a>  | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                        | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e produção de ruminantes   agroecologia                         | 40      | 14          | 0.350               | 124       | 28          | 0.226               | 5541     | 1057        | 0.191               |
| 608        | 1977    | 2888   | 108622 | <a href="#">Marcelo Bordalo Rodrigues</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiologia Músculo-Esquelética   Ressonância Magnética   Radiologia Intervencionista   | 40      | 25          | 0.625               | 108       | 65          | 0.602               | 5540     | 2677        | 0.483               |
| 42         | 1978    | 2890   | 108642 | <a href="#">Zila M Sanchez</a>   | <br>Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Drogas   Álcool   Adolescentes   Prevenção        | 40      | 29          | 0.725               | 93        | 78          | 0.839               | 5531     | 2982        | 0.539               |
| 32         | 1979    | 2892   | 108670 | <a href="#">Aparecida Maria Catai</a>  | <br>Brazil | <a href="#">Universidade Federal de São Carlos</a>                        | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Cardiovascular Physiotherapy and Exercise physiology                               | 40      | 27          | 0.675               | 131       | 87          | 0.664               | 5516     | 2679        | 0.486               |
| 609        | 1980    | 2894   | 108703 | <a href="#">Thiago Fernandes Martins</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">UniversidSão Paulo</a><br>Parasitologia   | 40      | 32          | 0.800               | 122       | 110         | 0.902               | 5494     | 3912        | 0.712               |
| 35         | 1981    | 2895   | 108721 | <a href="#">Claudivan Lacerda</a>  | <br>Brazil | <a href="#">Universidade Federal do Ceará</a>                             | <a href="#">Engineering &amp; Technology / Engineering</a><br>Salinidade   ecofisiologia vegetal  | 40      | 29          | 0.725               | 106       | 80          | 0.755               | 5483     | 2751        | 0.502               |
| 17         | 1982    | 2896   | 108722 | <a href="#">Leonardo Sena Gomes Teixeira</a>   | <br>Brazil | <a href="#">Universidade Federal da Bahia</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   | 40      | 26          | 0.650               | 99        | 59          | 0.596               | 5483     | 2130        | 0.388               |





















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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 90         | 1983    | 2898   | 108741 | <a href="#">Maria Alice Dias Da Silva Lima</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">EnfermagemRioGrandeSul</a><br>Enfermagem   | 40      | 26          | 0.650               | 84        | 55          | 0.655               | 5471     | 1858        | 0.340               |
| 3          | 1984    | 2900   | 108806 | <a href="#">Ervin K Lenzi</a>                           |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Natural Sciences / Physics</a><br>física estatística   difusão anômala   matéria condensada  | 40      | 21          | 0.525               | 144       | 78          | 0.542               | 5435     | 2425        | 0.446               |
| 31         | 1985    | 2902   | 108836 | <a href="#">Guilherme Mourao</a>                        |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de vertebrados   manejo de populações selvagens   conservação de animais selvagens                               | 40      | 25          | 0.625               | 112       | 68          | 0.607               | 5420     | 2746        | 0.507               |
| 111        | 1986    | 2903   | 108893 | <a href="#">Stelio Pacca Loureiro Luna</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>anestesiologia veterinária   dor e analgesia em animais   bem-estar animal   bioética   acupuntura | 40      | 23          | 0.575               | 114       | 65          | 0.570               | 5392     | 2119        | 0.393               |
| 32         | 1987    | 2905   | 108921 | <a href="#">Alexandre Nepomuceno</a>                    |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a><br>Biotechnology   Genetic Engineering   GM Plants   GMO   | 40      | 28          | 0.700               | 100       | 72          | 0.720               | 5377     | 2753        | 0.512               |
| 4          | 1988    | 2906   | 108930 | <a href="#">Eduardo Caires</a>                          |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia  | 40      | 28          | 0.700               | 74        | 56          | 0.757               | 5370     | 2168        | 0.404               |
| 610        | 1989    | 2907   | 108972 | <a href="#">Julio Tirapegui</a>                         |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão paulo</a><br>Nutrição e atividade física  | 40      | 23          | 0.575               | 129       | 55          | 0.426               | 5346     | 1789        | 0.335               |
| 33         | 1990    | 2908   | 108982 | <a href="#">Ivar Wendling</a>                           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Silvicultura clonal   Ilex paraguariensis   araucaria angustifolia  | 40      | 24          | 0.600               | 119       | 85          | 0.714               | 5339     | 2423        | 0.454               |
| 611        | 1991    | 2909   | 108999 | <a href="#">Carlos F Santos</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Farmacologia   Genética   | 40      | 26          | 0.650               | 107       | 79          | 0.738               | 5326     | 2444        | 0.459               |
| 612        | 1992    | 2910   | 109012 | <a href="#">Dirce Maria Trevisan Zanetta</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          |  | 40      | 23          | 0.575               | 91        | 57          | 0.626               | 5321     | 1806        | 0.339               |
| 152        | 1993    | 2912   | 109026 | <a href="#">Lucia Costa Paiva</a>                       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>menopausa   osteoporose   terapia hormonal  | 40      | 24          | 0.600               | 116       | 70          | 0.603               | 5311     | 2074        | 0.391               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 33  | 1994    | 2913   | 109029 | <a href="#">Claudemiro Bolfarini</a>  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais metálicos   processamento   metalurgia física | 40      | 29          | 0.725               | 149       | 109         | 0.732               | 5309     | 3190        | 0.601               |
| 153   | 1995    | 2914   | 109050 | <a href="#">Paulo Cesar Giraldo</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>medicina   fisioterapia   imunologia   ginecologia   obstetrícia         | 40      | 24          | 0.600               | 95        | 55          | 0.579               | 5297     | 1840        | 0.347               |
| 613   | 1996    | 2915   | 109059 | <a href="#">Eric Tohver</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a><br>Tectonics   Geo-thermochronology   Paleomagnetism   | 40      | 27          | 0.675               | 68        | 64          | 0.941               | 5294     | 2898        | 0.547               |
| 112   | 1997    | 2918   | 109098 | <a href="#">Marcia Carneiro Valera</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Biologia Pulpar   Biocompatibilidade   Microbiologia Endodôntica            | 40      | 26          | 0.650               | 95        | 69          | 0.726               | 5272     | 2296        | 0.436               |
| 154   | 1998    | 2919   | 109107 | <a href="#">Elias Tambourgi</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Biotecnologia   Biorremediação   Enzimas   Microalgas   | 40      | 27          | 0.675               | 121       | 66          | 0.545               | 5268     | 2320        | 0.440               |
| 49  | 1999    | 2920   | 109134 | <a href="#">Mario Steindel</a>  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Chagas disease   Leishmaniasis   Drug discovery                        | 40      | 22          | 0.550               | 106       | 55          | 0.519               | 5252     | 1795        | 0.342               |
| 1   | 2000    | 2921   | 109138 | <a href="#">Elisardo C Vasquez</a><br><a href="#">ELISARDO CORRAL VASQUEZ</a> |  Brazil | <a href="#">Universidade Vila Velha UVV</a>                            | <a href="#">VilVelhUniversity(UVV)</a><br>Atherosclerosis   Hypertension   Gut Microbiota   Probiotics  | 40      | 25          | 0.625               | 125       | 63          | 0.504               | 5250     | 2063        | 0.393               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 614   | 2001    | 2922   | 109161 | <a href="#">Oswaldo Antonio Serra</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química dos compostos de Terras Raras   Luminescência   Catálise   Protetor UV   Recuperação de Terras Raras      | 40      | 21          | 0.525               | 129       | 51          | 0.395               | 5237     | 1458        | 0.278               |
| 34  | 2002    | 2925   | 109189 | <a href="#">Luciano Paulino Silva Luciano Paulino da Silva</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Green nanotechnology   Nanobiotechnology   Bioprospection   Biofabrication   Bioprinting | 40      | 26          | 0.650               | 120       | 85          | 0.708               | 5219     | 2341        | 0.449               |
| 2   | 2003    | 2926   | 109219 | <a href="#">Elizabeth Soares Fernandes</a>                     |  Brazil   | <a href="#">Universidade Ceuma</a>   | <a href="#">Uniceuma</a><br>Farmacologia  | 40      | 30          | 0.750               | 63        | 51          | 0.810               | 5208     | 2479        | 0.476               |
| 91  | 2004    | 2927   | 109231 | <a href="#">Raquel S Mauler</a>                                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Ciência e Tecnologia de Polímeros   Nanotecnologia   | 40      | 19          | 0.475               | 111       | 50          | 0.450               | 5201     | 1458        | 0.280               |
| 615   | 2005    | 2928   | 109239 | <a href="#">Marcio Corrêa Mancini</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Obesity   metabolic syndrome   type 2 diabetes   endocrinology                              | 40      | 23          | 0.575               | 89        | 49          | 0.551               | 5196     | 1835        | 0.353               |
| 616   | 2006    | 2929   | 109257 | <a href="#">Fabio Daumas Nunes</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral cancer   maxillofacial diseases   molecular pathology   DNA   RNA   | 40      | 24          | 0.600               | 114       | 73          | 0.640               | 5182     | 2130        | 0.411               |
| 34  | 2007    | 2930   | 109273 | <a href="#">Edenir Pereira Filho</a>                           |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 40      | 32          | 0.800               | 128       | 91          | 0.711               | 5171     | 3159        | 0.611               |
| 617   | 2008    | 2932   | 109318 | <a href="#">Rosario Dominguez Crespo Hirata</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacogenomica   | 40      | 21          | 0.525               | 129       | 64          | 0.496               | 5143     | 1790        | 0.348               |
| 618   | 2009    | 2933   | 109327 | <a href="#">Monica Tallarico Pupo</a>                          |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Natural products chemistry   symbiont microorganisms                              | 40      | 25          | 0.625               | 102       | 69          | 0.676               | 5140     | 2610        | 0.508               |
| 14  | 2010    | 2934   | 109397 | <a href="#">Sergio Souto Maior Tavares</a>                     |  Brazil | <a href="#">Universidade Federal Fluminense</a>                                  |   | 40      | 27          | 0.675               | 103       | 74          | 0.718               | 5096     | 2261        | 0.444               |
| 5   | 2011    | 2935   | 109415 | <a href="#">Helena Mt Barros</a>                               |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia Básica e Clínica   Neuropsicofarmacologia  | 40      | 20          | 0.500               | 123       | 55          | 0.447               | 5084     | 1480        | 0.291               |
| 43  | 2012    | 2936   | 109436 | <a href="#">Adriana Carmona</a>                                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   enzimologia   inibidores   malaria   | 40      | 19          | 0.475               | 118       | 56          | 0.475               | 5073     | 1719        | 0.339               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 155   | 2013    | 2938   | 109442 | <a href="#">Chang Yoon Kil</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food science and technology  | 40      | 25          | 0.625               | 102       | 67          | 0.657               | 5070     | 2443        | 0.482               |
| 619   | 2014    | 2939   | 109453 | <a href="#">Ayrton Custodio Moreira</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicin</a><br>eixo hipófise-adrenal. ritmo circadiano   cortisol salivar e síndrome de Cushing.  | 40      | 20          | 0.500               | 113       | 57          | 0.504               | 5062     | 1465        | 0.289               |
| 44  | 2015    | 2941   | 109466 | <a href="#">Dulce Aparecida Barbosa</a>      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Enfermagem   Nursing   Publica Health   Saúde Pública   Infectologia               | 40      | 27          | 0.675               | 118       | 90          | 0.763               | 5052     | 2610        | 0.517               |
| 113   | 2016    | 2942   | 109489 | <a href="#">Lucia Regina Ribeiro</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrigenômica   antimutagênese   biologia molecular                              | 40      | 17          | 0.425               | 91        | 39          | 0.429               | 5037     | 1168        | 0.232               |
| 80  | 2017    | 2943   | 109511 | <a href="#">Jose P Pombal</a>                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>zoologia   herpetologia   comportamento animal   taxonomia                                       | 40      | 21          | 0.525               | 98        | 59          | 0.602               | 5027     | 1566        | 0.312               |
| 620   | 2018    | 2945   | 109538 | <a href="#">Adroaldo Zanella</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">BemEstarAnimal</a><br>Bem-estar animal   estresse pré-natal   neurobiologia   | 40      | 23          | 0.575               | 89        | 55          | 0.618               | 5010     | 1808        | 0.361               |
| 621   | 2019    | 2946   | 109548 | <a href="#">Fernando B. Da Costa</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Natural Products Chemistry   Pharmacognosy   Chemoinformatics                                     | 40      | 26          | 0.650               | 99        | 69          | 0.697               | 5005     | 2435        | 0.487               |
| 14  | 2020    | 2948   | 109638 | <a href="#">Fabio Sampaio</a>                |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biochemistry   microbiology   pharmacognosy   chemistry                                     | 40      | 25          | 0.625               | 111       | 71          | 0.640               | 4956     | 2252        | 0.454               |
| 36  | 2021    | 2950   | 109663 | <a href="#">Ana Lúcia Ponte Freitas</a>      |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 40      | 29          | 0.725               | 88        | 61          | 0.693               | 4943     | 2746        | 0.556               |
| 622   | 2022    | 2951   | 109665 | <a href="#">Pablo A Ferrari</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Universidad Buenos Aires</a><br>Probability   | 40      | 20          | 0.500               | 96        | 39          | 0.406               | 4942     | 1162        | 0.235               |
| 24  | 2023    | 2952   | 109741 | <a href="#">Sandra Marisa Pelloso</a>        |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">o.</a><br>Saúde da mulher   doenças crônicas não transmissíveis   agravos à saúde.  | 40      | 27          | 0.675               | 124       | 92          | 0.742               | 4903     | 2964        | 0.605               |
| 99  | 2024    | 2953   | 109747 | <a href="#">Augusto Afonso Guerra Junior</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology   health economics   genomics   health policy   data science | 40      | 32          | 0.800               | 117       | 99          | 0.846               | 4898     | 3460        | 0.706               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 2025    | 2955   | 109773 | <a href="#">Rudnei O Ramos</a>                 |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Physics</a><br>Física  | 40      | 24          | 0.600               | 83        | 51          | 0.614               | 4881     | 1956        | 0.401               |
| 623   | 2026    | 2956   | 109777 | <a href="#">Carlos Pelleschi Taborda</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   | 40      | 24          | 0.600               | 79        | 67          | 0.848               | 4878     | 1675        | 0.343               |
| 156   | 2027    | 2957   | 109788 | <a href="#">Kleber Roberto Pirola</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Physics</a><br>Physics   Magnetism   Nanomagnetism and nanoscience   | 40      | 23          | 0.575               | 110       | 51          | 0.464               | 4870     | 1657        | 0.340               |
| 7   | 2028    | 2958   | 109819 | <a href="#">Claudia Maria Leal Bevilaqua</a>   |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Parasitologia Veterinária   Nematoides gastrintestinais   resistência anti-helmíntica   leishmanise visceral canina | 40      | 26          | 0.650               | 91        | 68          | 0.747               | 4845     | 2130        | 0.440               |
| 624   | 2029    | 2959   | 109823 | <a href="#">Sonia Jancar</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   farmacology  | 40      | 20          | 0.500               | 125       | 49          | 0.392               | 4843     | 1356        | 0.280               |
| 625   | 2030    | 2962   | 109872 | <a href="#">Richard John Ward</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Protein Engineering  | 40      | 21          | 0.525               | 101       | 52          | 0.515               | 4811     | 1514        | 0.315               |
| 35  | 2031    | 2964   | 109919 | <a href="#">Sofia Pavarini</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontologia  | 40      | 28          | 0.700               | 119       | 90          | 0.756               | 4773     | 2716        | 0.569               |
| 626   | 2032    | 2966   | 109948 | <a href="#">Luciana Venturini Rossoni</a>      |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Cardiovascular   | 40      | 23          | 0.575               | 82        | 51          | 0.622               | 4751     | 1891        | 0.398               |
| 63  | 2033    | 2967   | 109958 | <a href="#">Daniel P. Bezerra</a>              |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Oswaldo Cruz Foudantion, Brazil</a><br>Translational Oncology   Pharmacology   Natural Product   Cell signaling   | 40      | 28          | 0.700               | 96        | 86          | 0.896               | 4744     | 2797        | 0.590               |
| 35  | 2034    | 2968   | 109989 | <a href="#">Aldicir Scariot</a>                |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Pesquisador Embrapa Recursos Genéticos e Biotecnologia</a><br>Manejo e Conservação de Biodiversidade  | 40      | 21          | 0.525               | 67        | 47          | 0.701               | 4715     | 1768        | 0.375               |
| 92  | 2035    | 2969   | 110043 | <a href="#">Mario Wagner</a>                   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGSePUCRS</a><br>Professor de Epidemiologia e Bioestatística  | 40      | 20          | 0.500               | 75        | 50          | 0.667               | 4682     | 1617        | 0.345               |
| 627   | 2036    | 2971   | 110066 | <a href="#">Sandra Helena Poliselli Farsky</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacologia   toxicologia   imunologia   | 40      | 25          | 0.625               | 103       | 67          | 0.650               | 4658     | 2153        | 0.462               |

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| 1   | 2037    | 2972   | 110076 | <a href="#">Marina Bandeira</a><br>           | <br>Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>                    | <a href="#">Social Sciences / Psychology</a><br>saúde mental   avaliação de serviços de saúde mental   competencia social                                  | 40      | 21          | 0.525               | 84        | 45          | 0.536               | 4652     | 1305        | 0.281               |
| 628   | 2038    | 2973   | 110080 | <a href="#">Eduardo Brandt De Oliveira</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Estrutura e função de proteínas  | 40      | 25          | 0.625               | 95        | 55          | 0.579               | 4649     | 1820        | 0.391               |
| 6   | 2039    | 2974   | 110104 | <a href="#">Jenifer Saffi</a>  | <br>Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>DNA repair   Mutagenesis   Genetic Toxicology   Molecular Biology   Biochemistry             | 40      | 23          | 0.575               | 102       | 71          | 0.696               | 4625     | 2145        | 0.464               |
| 629   | 2040    | 2975   | 110114 | <a href="#">Alexandre A Steiner</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Immunology</a><br>sepsis   inflammation   metabolism   temperature   cardiovascular                              | 40      | 21          | 0.525               | 68        | 36          | 0.529               | 4617     | 1396        | 0.302               |
| 93  | 2041    | 2976   | 110198 | <a href="#">Aldo B Lucion</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociencias   Comportamento   Estresse   Desenvolvimento                                   | 40      | 20          | 0.500               | 96        | 43          | 0.448               | 4505     | 1241        | 0.275               |
| 630   | 2042    | 2977   | 110203 | <a href="#">Rosalinda C Montone</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>poluição marinha: poluentes orgânicos persistentes   esgotos   plásticos | 40      | 25          | 0.625               | 101       | 79          | 0.782               | 4497     | 2048        | 0.455               |
| 36  | 2043    | 2979   | 110233 | <a href="#">Miguel Borges</a>  | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Química aplicada a agricultura   | 40      | 22          | 0.550               | 105       | 73          | 0.695               | 4462     | 1827        | 0.409               |
| 37  | 2044    | 2981   | 110380 | <a href="#">Marcellus Souza</a>  | <br>Brazil | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterologia  | 40      | 27          | 0.675               | 92        | 71          | 0.772               | 4188     | 2124        | 0.507               |
| 94  | 2045    | 2982   | 110390 | <a href="#">Itabajara Da Silva Vaz Junior</a>  | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology   | 40      | 22          | 0.550               | 91        | 66          | 0.725               | 4166     | 2087        | 0.501               |
| 1   | 2046    | 2983   | 110431 | <a href="#">Cristiano Ricardo Jesse</a><br> | <br>Brazil | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   farmacologia   fisiologia e patologia   | 40      | 27          | 0.675               | 92        | 63          | 0.685               | 4029     | 2111        | 0.524               |
| 29  | 2047    | 2984   | 110450 | <a href="#">Zulmira GM Lacava</a>  | <br>Brazil | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">UniversidBrasília</a>  | 40      | 19          | 0.475               | 83        | 33          | 0.398               | 3925     | 972         | 0.248               |







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|---|---------|--------|--------|--|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 2048    | 2986   | 110467 | <a href="#">Renata Raices</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Rio de Janeiro IFRJ</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 40      | 38          | 0.950               | 60        | 58          | 0.967               | 3724     | 3312        | 0.889               |
| 631   | 2049    | 2988   | 110497 | <a href="#">Joao M Furtado *</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>ophthalmology  | 39      | 36          | 0.923               | 67        | 60          | 0.896               | 46825    | 45148       | 0.964               |
| 9   | 2050    | 2991   | 110659 | <a href="#">Alberto Setzer</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                                 | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>remote sensing of wildfires   antarctic meteorology   air pollution impacts        | 39      | 20          | 0.513               | 66        | 34          | 0.515               | 15871    | 4115        | 0.259               |
| 64  | 2051    | 2992   | 110668 | <a href="#">Sérgio Viana Peixoto</a>           | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   | 39      | 24          | 0.615               | 80        | 67          | 0.838               | 15489    | 12260       | 0.792               |
| 632   | 2052    | 2993   | 110685 | <a href="#">Cristina Maria Galvão</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Ribeirão Preto São Paulo</a><br>Enfermagem   Enfermagem Perioperatória   Cuidado de Enfermagem no perioperatório   Prática Baseada em Evidências   Métodos de r | 39      | 27          | 0.692               | 109       | 60          | 0.550               | 14939    | 8207        | 0.549               |
| 7   | 2053    | 2994   | 110705 | <a href="#">Ivani Catarina Arantes Fazenda</a> | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica de São Paulo PUC-SP</a>                      | <a href="#">Education / Education</a><br>Educação   Ensino-Aprendizagem   Interdisciplinaridade   Currículo   Formação  | 39      | 27          | 0.692               | 55        | 40          | 0.727               | 14233    | 4615        | 0.324               |
| 157   | 2054    | 2997   | 110739 | <a href="#">Ana Amelia Bergamini Machado</a>   | <br><a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                                 | <a href="#">Natural Sciences / Physics</a><br>Neutrino physics & Dark Matter  | 39      | 31          | 0.795               | 80        | 59          | 0.738               | 13595    | 6902        | 0.508               |
| 633   | 2055    | 2998   | 110759 | <a href="#">Wanderley Bernardo</a>             | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">São Paulo Medical</a><br>Evidence Based Medicine   Systematic Review   Meta analysis   Biostatistics  | 39      | 34          | 0.872               | 164       | 128         | 0.780               | 13162    | 4725        | 0.359               |
| 65  | 2056    | 3001   | 110818 | <a href="#">Marta Giovanetti</a>               | <br><a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Researcher</a><br>Virology   Molecular Epidemiology   Genomic Surveillance  | 39      | 37          | 0.949               | 102       | 97          | 0.951               | 12301    | 11483       | 0.934               |
| 95  | 2057    | 3002   | 110850 | <a href="#">Regina Zilberman</a>               | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                           | <a href="#">Social Sciences / Linguistics and Literature</a><br>Letras  | 39      | 24          | 0.615               | 80        | 44          | 0.550               | 11931    | 3578        | 0.300               |
| 634   | 2058    | 3003   | 110864 | <a href="#">Marta Arretche</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Social Sciences / Political Science</a><br>Cientista Política   | 39      | 28          | 0.718               | 80        | 48          | 0.600               | 11751    | 4084        | 0.348               |

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|---|---------|--------|--------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 18  | 2059    | 3004   | 110886 | <a href="#">Blandina Felipe Viana Blande Viana Blandina F Viana</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Conservação   Polinização   Interações Abelhas-Flores   Paisagem   | 39      | 23          | 0.590               | 77        | 46          | 0.597               | 11574    | 7089        | 0.612               |
| 50  | 2060    | 3005   | 110907 | <a href="#">Marcos Antonio Segatto Silva</a>                        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produção e Controle de Qualidade de Fármacos e Medicamentos  | 39      | 26          | 0.667               | 178       | 74          | 0.416               | 11318    | 3997        | 0.353               |
| 12  | 2061    | 3007   | 110966 | <a href="#">Gandhimohan M Viswanathan</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Natural Sciences / Physics</a><br>Physics   Ecology   Neuroscience   Econophysics  | 39      | 25          | 0.641               | 82        | 47          | 0.573               | 10790    | 3582        | 0.332               |
| 635   | 2062    | 3008   | 111043 | <a href="#">Wolney Conde</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Epidemiology   Nutrition Assessment   Human Growth   Obesity   Inequality   | 39      | 24          | 0.615               | 62        | 43          | 0.694               | 10325    | 2727        | 0.264               |
| 636   | 2063    | 3009   | 111190 | <a href="#">João Paulo G Camporez</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   Endocrinology   Diabetes   Obesity   Metabolism   | 39      | 34          | 0.872               | 55        | 52          | 0.945               | 9585     | 6139        | 0.640               |
| 7   | 2064    | 3010   | 111226 | <a href="#">ADRIANO CAIXETA</a>                                     |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   | 39      | 23          | 0.590               | 75        | 54          | 0.720               | 9351     | 4696        | 0.502               |
| 637   | 2065    | 3011   | 111232 | <a href="#">Roberto Sartori Filho</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>reprodução animal   | 39      | 30          | 0.769               | 112       | 79          | 0.705               | 9312     | 3820        | 0.410               |
| 38  | 2066    | 3012   | 111293 | <a href="#">Breno M Freitas</a>                                     |  Brazil  | <a href="#">Universidade Federal do Ceará</a>               | Bees   Bee pollination   Crop pollination   rearing bees   managing bees   | 39      | 29          | 0.744               | 92        | 62          | 0.674               | 9067     | 5702        | 0.629               |
| 66  | 2067    | 3013   | 111296 | <a href="#">Carlos Machado De Freitas</a>                           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Pesquisador Titular, Escola Nacional de Saúde Pública, Fundação Oswaldo Cruz</a><br>Saúde Ambiental   Saúde Coletiva   Saúde Pública   Desastres Naturais   Desastres Tecnológicos | 39      | 28          | 0.718               | 103       | 64          | 0.621               | 9050     | 3506        | 0.387               |
| 638   | 2068    | 3015   | 111331 | <a href="#">Ana Carolina Alves Caporali Pereira</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">AlunFisiopatologi</a><br>Reabilitação   DPOC   controle postural   | 39      | 31          | 0.795               | 119       | 77          | 0.647               | 8905     | 5993        | 0.673               |
| 639   | 2069    | 3018   | 111498 | <a href="#">Shiguo Watanabe</a>                                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   Dosimetria de radiação   Propriedades ópticas e paramagnéticas de minerais  | 39      | 18          | 0.462               | 144       | 47          | 0.326               | 8423     | 2129        | 0.253               |
| 45  | 2070    | 3020   | 111623 | <a href="#">Edward Araujo Júnior</a>                                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Obstetrícia   Perinatologia   Ultrassonografia   Cardiologia Fetal  | 39      | 27          | 0.692               | 255       | 138         | 0.541               | 8126     | 5014        | 0.617               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 158   | 2071    | 3023   | 111668 | <a href="#">Wilson Cano</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        |   | 39      | 23          | 0.590               | 73        | 44          | 0.603               | 8037     | 2463        | 0.306               |
| 640   | 2072    | 3025   | 111720 | <a href="#">Roberto M Cesar Jr</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Pattern Recognition   Computer Vision   Bioinformatics   eScience   Shape Analysis           | 39      | 16          | 0.410               | 101       | 28          | 0.277               | 7926     | 2078        | 0.262               |
| 39  | 2073    | 3026   | 111740 | <a href="#">Marcos Venicios Lopes</a>            |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                    |   | 39      | 26          | 0.667               | 231       | 113         | 0.489               | 7882     | 3900        | 0.495               |
| 6   | 2074    | 3027   | 111751 | <a href="#">Cristiane Silvestre De Paula</a>     |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>             | <a href="#">PresbiterianMackenzie</a><br>Child Mental Health   Autism   | 39      | 29          | 0.744               | 81        | 55          | 0.679               | 7858     | 4282        | 0.545               |
| 641   | 2075    | 3029   | 111757 | <a href="#">Joao Roberto Spotti Lopes</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultural Entomology   Insect vectors of plant pathogens   | 39      | 26          | 0.667               | 93        | 60          | 0.645               | 7843     | 2912        | 0.371               |
| 642   | 2076    | 3030   | 111776 | <a href="#">Jorge Alberto Soares Tenório</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">UniversidSÃOfo Paulo</a><br>Tratamento de resíduos   Hidrometalurgia   Resíduos de eletroeletrônicos   Pirometalurgia                               | 39      | 30          | 0.769               | 116       | 81          | 0.698               | 7798     | 3833        | 0.492               |
| 643   | 2077    | 3031   | 111804 | <a href="#">Ana Maria De Lauro Castrucci</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia comparada   filogenia dos relógios periféricos   | 39      | 18          | 0.462               | 116       | 37          | 0.319               | 7763     | 1630        | 0.210               |
| 159   | 2078    | 3032   | 111821 | <a href="#">Renato Dagnino</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Social Sciences / Political Science</a><br>política científica e tecnológica   estudos sociais da ciência e tecnologia   gestão estratégica pública | 39      | 24          | 0.615               | 140       | 59          | 0.421               | 7739     | 2656        | 0.343               |
| 46  | 2079    | 3036   | 111938 | <a href="#">Maria Fernanda Branco De Almeida</a> |  Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Neonatologia   mortalidade neonatal   icterícia                                    | 39      | 27          | 0.692               | 97        | 54          | 0.557               | 7565     | 3810        | 0.504               |
| 81  | 2080    | 3037   | 111981 | <a href="#">Norma Santos</a>                     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiology  | 39      | 17          | 0.436               | 70        | 30          | 0.429               | 7497     | 1588        | 0.212               |
| 644   | 2081    | 3041   | 112269 | <a href="#">Afrânio Mendes Catani</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Education / Education</a><br>Educação   | 39      | 19          | 0.487               | 93        | 40          | 0.430               | 7078     | 2162        | 0.305               |
| 5   | 2082    | 3042   | 112280 | <a href="#">Marcelo Viana</a>                    |  Brazil | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a> | <a href="#">Mathematics</a><br>Dynamical Systems   Differential Equations   Ergodic Theory   Bifurcation Theory   | 39      | 26          | 0.667               | 72        | 42          | 0.583               | 7070     | 2287        | 0.323               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 160   | 2083    | 3043   | 112300 | <a href="#">Pablo Agustin Vargas</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology   Cytology   Histopathology   Oral Diagnosis   AIDS  | 39      | 28          | 0.718               | 167       | 104         | 0.623               | 7040     | 3454        | 0.491               |
| 645   | 2084    | 3044   | 112308 | <a href="#">Helaine Carrer</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biologia molecular   bioquímica   genômica   | 39      | 25          | 0.641               | 55        | 37          | 0.673               | 7037     | 1583        | 0.225               |
| 646   | 2085    | 3045   | 112321 | <a href="#">Paulo Eduardo De Oliveira</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Palinologia do Quaternário   Paleobotânica   Paleocologia   Ecologia   Botânica   | 39      | 27          | 0.692               | 69        | 49          | 0.710               | 7028     | 2263        | 0.322               |
| 100   | 2086    | 3047   | 112374 | <a href="#">Maria Das Graças Carvalho</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Medical and Health Sciences / Hematology</a><br>Hemostasia   hipercoagulabilidade  | 39      | 27          | 0.692               | 143       | 78          | 0.545               | 6982     | 3676        | 0.526               |
| 647   | 2087    | 3049   | 112463 | <a href="#">Linamara Rizzo Battistella</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Physical Medicine</a><br>Medicina Física e Reabilitação  | 39      | 27          | 0.692               | 124       | 77          | 0.621               | 6900     | 3119        | 0.452               |
| 648   | 2088    | 3051   | 112513 | <a href="#">Mario Avila Campos</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Bactérias Anaeróbias: Microbiologia Médica   Oral e Veterinária   | 39      | 26          | 0.667               | 107       | 58          | 0.542               | 6847     | 2722        | 0.398               |
| 649   | 2089    | 3052   | 112529 | <a href="#">Daniela Garib</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia   Fissura Labial   Fissura Palatina   Anomalias Craniofaciais  | 39      | 30          | 0.769               | 113       | 94          | 0.832               | 6834     | 3709        | 0.543               |
| 16  | 2090    | 3054   | 112606 | <a href="#">Mario Barletta</a>                     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>        | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Ecology   Environmental Conservation   Ecological Modeling  | 39      | 31          | 0.795               | 70        | 60          | 0.857               | 6768     | 3808        | 0.563               |
| 650   | 2091    | 3055   | 112631 | <a href="#">Vera Telles</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Social Sciences / Sociology</a><br>sociologia urbana   | 39      | 23          | 0.590               | 65        | 35          | 0.538               | 6733     | 1932        | 0.287               |
| 24  | 2092    | 3056   | 112635 | <a href="#">Renato Goldenberg</a>                  |  Brazil | <a href="#">Universidade Federal do Paraná</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Botany   Plant Systematics   Plant Taxonomy   Melastomataceae   Angiosperms   | 39      | 27          | 0.692               | 128       | 89          | 0.695               | 6729     | 3941        | 0.586               |
| 12  | 2093    | 3058   | 112670 | <a href="#">Carlos Pereira</a>                     |  Brazil | <a href="#">Fundação Getulio Vargas FGV</a>               | <a href="#">Social Sciences / Political Science</a><br>political science   public policy   comparative politics  | 39      | 25          | 0.641               | 100       | 59          | 0.590               | 6701     | 2580        | 0.385               |
| 651   | 2094    | 3059   | 112698 | <a href="#">Isabel Gretel María Eres Fernández</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">EspanholEducação de Espanhol</a><br>Ensino e aprendizagem de espanhol   Formação de professores de espanhol   Materiais didáticos de espanhol  | 39      | 27          | 0.692               | 128       | 58          | 0.453               | 6672     | 3444        | 0.516               |
| 652   | 2095    | 3061   | 112709 | <a href="#">Luis Enrique Sánchez</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>environmental impact assessment / avaliação de impacto ambiental   environmental management / gestão ambiental | 39      | 28          | 0.718               | 101       | 59          | 0.584               | 6664     | 3116        | 0.468               |
| 1   | 2096    | 3062   | 112710 | <a href="#">Dirce Stein Backes</a>                 |  Brazil | <a href="#">Universidade Franciscana</a>                  | <a href="#">Enfermagem</a><br>Empreendedorismo   Liderança   Processo de trabalho   Políticas públicas   | 39      | 22          | 0.564               | 164       | 92          | 0.561               | 6663     | 2943        | 0.442               |





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| University  | Country | Region | World  | Name                                      | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 653   | 2097    | 3063   | 112753 | <a href="#">Antonio Carlos Marques</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Evolution   Biogeography   Marine Invertebrates   Biodiversity   Cnidaria      | 39      | 26          | 0.667               | 131       | 67          | 0.511               | 6615     | 3429        | 0.518               |
| 13  | 2098    | 3068   | 112825 | <a href="#">Carlos Roberto Fonseca</a>    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Evolution   Biodiversity Conservation   | 39      | 26          | 0.667               | 69        | 56          | 0.812               | 6557     | 3287        | 0.501               |
| 654   | 2099    | 3070   | 112865 | <a href="#">Pedro Vitoriano Oliveira</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 39      | 19          | 0.487               | 96        | 42          | 0.438               | 6526     | 1589        | 0.243               |
| 655   | 2100    | 3071   | 112866 | <a href="#">Rosa Maria Affonso Moyses</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia   Doença Renal Crônica   Distúrbio Mineral e Osseo da Doença Renal Crônica                | 39      | 30          | 0.769               | 89        | 68          | 0.764               | 6525     | 2886        | 0.442               |
| 656   | 2101    | 3072   | 112920 | <a href="#">Eurico Arruda</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia   Doenças Infecciosas   Microbiologia   Patologia Clínica                                    | 39      | 26          | 0.667               | 85        | 57          | 0.671               | 6480     | 3070        | 0.474               |
| 161   | 2102    | 3073   | 112938 | <a href="#">Odalys Garcia Cabrera</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>genômica   interação patógeno-hospedeiro   biologia molecular de fungos                            | 39      | 24          | 0.615               | 121       | 44          | 0.364               | 6463     | 2017        | 0.312               |
| 7   | 2103    | 3076   | 113060 | <a href="#">Gabriel R. De Freitas</a>     |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                       | <a href="#">D'Or Institute for Research and Education (IDOR) and Universidade Federal Fluminense ...</a><br>stroke - stem cells - brain death                    | 39      | 26          | 0.667               | 91        | 51          | 0.560               | 6375     | 2529        | 0.397               |
| 30  | 2104    | 3077   | 113075 | <a href="#">HS Miranda</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           |  | 39      | 26          | 0.667               | 61        | 47          | 0.770               | 6367     | 1966        | 0.309               |
| 4   | 2105    | 3078   | 113085 | <a href="#">Masaharu Ikegaki</a>          |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos naturais   própolis   fungos endofíticos   atividade biológica. | 39      | 26          | 0.667               | 56        | 46          | 0.821               | 6362     | 2416        | 0.380               |
| 67  | 2106    | 3080   | 113105 | <a href="#">Leo Heller</a>                |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fiocruz</a><br>water   sanitation   public policies   human rights   environmental health  | 39      | 25          | 0.641               | 124       | 73          | 0.589               | 6347     | 2937        | 0.463               |
| 31  | 2107    | 3081   | 113110 | <a href="#">Jane Coimbra</a>              |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Engenharia de Alimentos   operações unitárias                          | 39      | 23          | 0.590               | 107       | 65          | 0.607               | 6342     | 3536        | 0.558               |
| 114   | 2108    | 3082   | 113185 | <a href="#">Mariangela Marques</a>        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>Dermatopatologia   Patologia da mama   patologia de tireóide  | 39      | 21          | 0.538               | 155       | 52          | 0.335               | 6293     | 2125        | 0.338               |



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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 2109    | 3084   | 113219 | <a href="#">Gilberto Fisch</a><br> | <br>Brazil   | <a href="#">Universidade de Taubaté UNITAU</a>                         | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>meteorologia   climatologia   ciencias atmosféricas | 39      | 22          | 0.564               | 93        | 45          | 0.484               | 6266     | 2136        | 0.341               |
| 14  | 2110    | 3085   | 113236 | <a href="#">Sandro José De Souza</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">CérebroUFRN</a><br>Bioinformática  | 39      | 19          | 0.487               | 93        | 34          | 0.366               | 6249     | 1106        | 0.177               |
| 47  | 2111    | 3086   | 113253 | <a href="#">José Medina Pestanafrcs</a>   | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nephrology   Kidney Transplantation  | 39      | 25          | 0.641               | 144       | 83          | 0.576               | 6239     | 2698        | 0.432               |
| 115   | 2112    | 3087   | 113271 | <a href="#">Maria Alice Rostom De Mello</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Education / Education</a><br>Fisiologia de Sistemas Humanos   Fisiologia do Exercício   Nutrição e Atividade Física.             | 39      | 21          | 0.538               | 128       | 38          | 0.297               | 6224     | 1492        | 0.240               |
| 3   | 2113    | 3088   | 113303 | <a href="#">Marcia Ortiz Mayo Marques</a>   | <br>Brazil   | <a href="#">Instituto Agrônomo</a>                                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   | 39      | 23          | 0.590               | 107       | 63          | 0.589               | 6205     | 2209        | 0.356               |
| 657   | 2114    | 3090   | 113375 | <a href="#">Ataulpa AC Braga</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Mecanismos de reação   cálculos teóricos   catálise   DFT                            | 39      | 31          | 0.795               | 77        | 75          | 0.974               | 6158     | 3066        | 0.498               |
| 25  | 2115    | 3092   | 113443 | <a href="#">Ricardo Massato Takemoto</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | Ictioparasitologia   Aquicultura   | 39      | 22          | 0.564               | 135       | 76          | 0.563               | 6103     | 2414        | 0.396               |
| 82  | 2116    | 3095   | 113533 | <a href="#">Eduardo Hajdu</a>   | <br>Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">MuseuRioJaneiro</a><br>Porifera   Taxonomy   Phylogeny   Biogeography   Bioprospection   | 39      | 23          | 0.590               | 143       | 59          | 0.413               | 6034     | 2468        | 0.409               |
| 2   | 2117    | 3097   | 113561 | <a href="#">Estevam Vitorio Spinacé</a>   | <br>Brazil | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>catálise   célula a combustível   hidrogênio   | 39      | 26          | 0.667               | 102       | 59          | 0.578               | 6016     | 2012        | 0.334               |
| 116   | 2118    | 3100   | 113655 | <a href="#">Carla Raquel Fontana</a>  | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Photodynamic Therapy   | 39      | 30          | 0.769               | 91        | 67          | 0.736               | 5960     | 2948        | 0.495               |
| 1   | 2119    | 3101   | 113679 | <a href="#">Cor J Fontes</a><br> | <br>Brazil | <a href="#">Universidade Federal de Mato Grosso</a>                    | <a href="#">MedicinUniversidMatoGrosso</a><br>Doenças Infeciosas e Parasitárias  | 39      | 24          | 0.615               | 127       | 64          | 0.504               | 5944     | 3334        | 0.561               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 96  | 2120    | 3102   | 113692 | <a href="#">Roger Keller Celeste</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Social Epidemiology   Oral Epidemiology   Saúde Coletiva   Oral Health   Dental Public Health   | 39      | 32          | 0.821               | 89        | 84          | 0.944               | 5936     | 4595        | 0.774               |
| 162   | 2121    | 3105   | 113734 | <a href="#">Gil Guerra Junior</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Pediatric Endocrinology and Metabolism</a><br>Medicina   pediatria   endocrinologia   genética   | 39      | 22          | 0.564               | 160       | 89          | 0.556               | 5910     | 2689        | 0.455               |
| 15  | 2122    | 3106   | 113774 | <a href="#">Alice Fernandes Alfieri</a>                |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia  | 39      | 27          | 0.692               | 143       | 89          | 0.622               | 5888     | 2685        | 0.456               |
| 163   | 2123    | 3108   | 113794 | <a href="#">Carlos Roberto De Souza Filho</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Remote Sensing   Geology   | 39      | 30          | 0.769               | 113       | 81          | 0.717               | 5874     | 3448        | 0.587               |
| 15  | 2124    | 3109   | 113798 | <a href="#">Margareth De Fátima Formiga Melo Diniz</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Medical and Health Sciences / Pharmacology</a><br>1. Grande área: Ciências Biológicas / Área: Farmacologia. 2. Grande área: Ciências Biológicas / Área: Farmac   | 39      | 23          | 0.590               | 101       | 60          | 0.594               | 5873     | 2382        | 0.406               |
| 10  | 2125    | 3110   | 113826 | <a href="#">Moacir Jose Buenano Macambira</a>          |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia Isotópica   Geoquímica   Petrologia   Metalogênese   | 39      | 22          | 0.564               | 89        | 43          | 0.483               | 5854     | 1913        | 0.327               |
| 32  | 2126    | 3111   | 113828 | <a href="#">Mauricio Paulo Ferreira Fontes</a>         |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Univ.Fed.TinkerStanfordandWisconsinUniversities</a><br>Mineralogia do Solo(Soil Mineralogy)   Química do Solo(Soil Chemistry)   Metais Pesados no Ambiente (Heavy Metals in Environment)                           | 39      | 22          | 0.564               | 100       | 60          | 0.600               | 5853     | 1968        | 0.336               |
| 15  | 2127    | 3112   | 113834 | <a href="#">Antonio Nobrega</a>                        |  Brazil | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Medical and Health Sciences / Physiology</a>   | 39      | 25          | 0.641               | 111       | 62          | 0.559               | 5850     | 2239        | 0.383               |
| 658   | 2128    | 3113   | 113851 | <a href="#">Maria Fidela Navarro</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>dentística  | 39      | 24          | 0.615               | 118       | 53          | 0.449               | 5840     | 1862        | 0.319               |
| 101   | 2129    | 3115   | 113898 | <a href="#">Mario Fernando Montenegro Campos</a>       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Robotics   Computer Vision  | 39      | 23          | 0.590               | 112       | 66          | 0.589               | 5810     | 2469        | 0.425               |
| 659   | 2130    | 3116   | 113899 | <a href="#">Mario Sergio Salerno</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Organizational Theory   Innovation Management   Uncertainty Management in More Radical Innovation (strategic innovation)   Public | 39      | 19          | 0.487               | 85        | 38          | 0.447               | 5809     | 2185        | 0.376               |
| 15  | 2131    | 3119   | 113969 | <a href="#">Eudenilson L Albuquerque</a>               |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>     | <a href="#">Natural Sciences / Physics</a><br>Biological Physics   Chemical Physics   Condensed Matter Physics   | 39      | 20          | 0.513               | 147       | 74          | 0.503               | 5768     | 1811        | 0.314               |

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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 17  | 2132    | 3121   | 114044 | <a href="#">Douglas Kazutoshi Sato</a>     |  <a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurology   Demyelinating diseases   Neuromyelitis optica   Multiple Sclerosis   ADEM   | 39      | 33          | 0.846               | 67        | 63          | 0.940               | 5724     | 4076        | 0.712               |
| 83  | 2133    | 3122   | 114062 | <a href="#">Marcelo A Savi</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">RioJaneiro</a><br>Smart materials and structures   shape memory alloys   nonlinear dynamics   chaos   control  | 39      | 24          | 0.615               | 128       | 78          | 0.609               | 5714     | 2369        | 0.415               |
| 164   | 2134    | 3123   | 114087 | <a href="#">Ricardo Clf Oliveira</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>control systems   building simulation  | 39      | 24          | 0.615               | 107       | 76          | 0.710               | 5702     | 2521        | 0.442               |
| 97  | 2135    | 3124   | 114105 | <a href="#">Jorge Castellá Sarriera</a>    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">bem-estar subjetivo adolescência psicologia comunitária projetos sociais </a><br>bem-estar subjetivo   adolescência   psicologia comunitária   projetos sociais                            | 39      | 25          | 0.641               | 121       | 75          | 0.620               | 5692     | 2363        | 0.415               |
| 660   | 2136    | 3125   | 114113 | <a href="#">Takashi Muraoka</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Fertilidade SoloUniversidSão Paulo</a><br>Fertilidade do Solo e Nutrição de Plantas  | 39      | 20          | 0.513               | 121       | 49          | 0.405               | 5687     | 1774        | 0.312               |
| 37  | 2137    | 3126   | 114121 | <a href="#">Leonardo Silva Boiteux</a>     |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética de plantas   melhoramento genético de plantas   fitopatologia  | 39      | 24          | 0.615               | 142       | 79          | 0.556               | 5683     | 2229        | 0.392               |
| 48  | 2138    | 3127   | 114123 | <a href="#">Marcelo Feijó Mello</a>        |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   Neuroscience  | 39      | 26          | 0.667               | 82        | 62          | 0.756               | 5682     | 2237        | 0.394               |
| 18  | 2139    | 3128   | 114134 | <a href="#">Rafael Prikladnicki</a>        |  <a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Global Software Engineering   Empirical Software Engineering   Agile Software Development   Software Process | 39      | 26          | 0.667               | 132       | 70          | 0.530               | 5676     | 2593        | 0.457               |
| 117   | 2140    | 3129   | 114141 | <a href="#">Marcos RM Fontes</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Biophysics</a><br>Biophysics   | 39      | 23          | 0.590               | 100       | 68          | 0.680               | 5673     | 1949        | 0.344               |
| 661   | 2141    | 3130   | 114147 | <a href="#">Werther Brunow De Carvalho</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Neonatology</a><br>Pediatria/Neonatologia/Terapia Intensiva Pediátrica   | 39      | 27          | 0.692               | 141       | 89          | 0.631               | 5671     | 2943        | 0.519               |

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| University  | Country | Region | World  | Name                                   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 16  | 2142    | 3131   | 114207 | <a href="#">Arli Ramos De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Natural Sciences / Physics</a><br>Atividade Física e Saúde   Atividade Física e Esporte na Infância e Adolescência   Treinamento com Pesos em Crianças e Adole                    | 39      | 25          | 0.641               | 132       | 72          | 0.545               | 5634     | 2510        | 0.446               |
| 31  | 2143    | 3132   | 114214 | <a href="#">Fernando Abad Franch</a>   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">UniversidBrasília</a><br>Tropical medicine  | 39      | 27          | 0.692               | 59        | 51          | 0.864               | 5633     | 2686        | 0.477               |
| 662   | 2144    | 3135   | 114269 | <a href="#">Mariana Minatel Braga</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Cariologia   Odontopediatria   | 39      | 31          | 0.795               | 88        | 75          | 0.852               | 5597     | 3356        | 0.600               |
| 98  | 2145    | 3136   | 114390 | <a href="#">Nadja Schroder</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">RioGrandeSul</a><br>Neurobiologia   | 39      | 22          | 0.564               | 91        | 51          | 0.560               | 5526     | 1982        | 0.359               |
| 165   | 2146    | 3137   | 114399 | <a href="#">Ronaldo Pilli</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>organic synthesis   medicinal chemistry   natural products  | 39      | 19          | 0.487               | 118       | 44          | 0.373               | 5524     | 1434        | 0.260               |
| 663   | 2147    | 3138   | 114472 | <a href="#">Joanir P Eler</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a><br>Melhoramento Genético Animal   Genética Quantitativa  | 39      | 22          | 0.564               | 141       | 66          | 0.468               | 5489     | 1927        | 0.351               |
| 99  | 2148    | 3140   | 114477 | <a href="#">Miriani Pastoriza</a>      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>Astronomia Extragalática  | 39      | 18          | 0.462               | 96        | 40          | 0.417               | 5486     | 1069        | 0.195               |
| 19  | 2149    | 3141   | 114494 | <a href="#">Rochele Paz Fonseca</a>    |  Brazil  | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>neuropsychology   | 39      | 27          | 0.692               | 147       | 89          | 0.605               | 5479     | 3021        | 0.551               |
| 33  | 2150    | 3143   | 114517 | <a href="#">Odilon Gomes Pereira</a>   |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                          | Avaliação   Produção e Conservação de Forragens   | 39      | 18          | 0.462               | 154       | 59          | 0.383               | 5466     | 1707        | 0.312               |
| 166   | 2151    | 3144   | 114525 | <a href="#">Walter Carnielli</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Semantics and proof theory of contemporary logics   foundations of set theory   foundations of computability   logic and reason | 39      | 18          | 0.462               | 87        | 36          | 0.414               | 5463     | 1527        | 0.280               |
| 664   | 2152    | 3146   | 114540 | <a href="#">Júlio César Dos Santos</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Lore</a><br>conversão de biomassa   biorreatores   desenho e simulação de bioprocessos  | 39      | 25          | 0.641               | 124       | 76          | 0.613               | 5453     | 2655        | 0.487               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 665   | 2153    | 3147   | 114542 | <a href="#">Maria Clotilde Rossetti Ferreira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Psychology</a><br>psicologia do desenvolvimento   apego   educação infantil   acolhimento institucional  | 39      | 21          | 0.538               | 84        | 44          | 0.524               | 5453     | 1869        | 0.343               |
| 666   | 2154    | 3148   | 114559 | <a href="#">José Donato Júnior</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSÃO Paulo</a><br>Regulação do balanço energético   hipotálamo   GH   Leptina  | 39      | 31          | 0.795               | 98        | 87          | 0.888               | 5447     | 3197        | 0.587               |
| 25  | 2155    | 3149   | 114567 | <a href="#">Wagner De Campos</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Education / Education</a><br>educação física   atividade física e saúde   desenvolvimento motor  | 39      | 24          | 0.615               | 128       | 74          | 0.578               | 5444     | 2693        | 0.495               |
| 28  | 2156    | 3150   | 114568 | <a href="#">Rafael Noal Moresco</a>              |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica clínica   Biomarcadores laboratoriais   Mecanismos fisiopatológicos   | 39      | 30          | 0.769               | 125       | 94          | 0.752               | 5444     | 3105        | 0.570               |
| 17  | 2157    | 3151   | 114571 | <a href="#">Italmar Teodorico Navarro</a>        |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">UEL</a><br>Zoonoses   doenças   saude publica   veterinária  | 39      | 24          | 0.615               | 127       | 70          | 0.551               | 5443     | 2147        | 0.394               |
| 100   | 2158    | 3152   | 114628 | <a href="#">Fábio Klamt</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cellular Biochemistry   Cancer Biomarkers   in vitro models of human diseases                                       | 39      | 25          | 0.641               | 91        | 68          | 0.747               | 5411     | 2185        | 0.404               |
| 167   | 2159    | 3153   | 114645 | <a href="#">Anselmo Eduardo Diniz</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia Mecânica - Processos de Fabricação   | 39      | 29          | 0.744               | 78        | 65          | 0.833               | 5402     | 2439        | 0.451               |
| 84  | 2160    | 3155   | 114656 | <a href="#">Takeshi Kodama</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Theoretical Physics   Elementary particles   High energy astrophysics   Nuclear Theory   | 39      | 17          | 0.436               | 91        | 33          | 0.363               | 5396     | 1106        | 0.205               |
| 667   | 2161    | 3159   | 114762 | <a href="#">Mario Lr Monteiro</a>                |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Oftalmologia   Neurooftalmologia   Doenças de Órbita  | 39      | 25          | 0.641               | 120       | 62          | 0.517               | 5339     | 2199        | 0.412               |
| 1   | 2162    | 3161   | 114778 | <a href="#">Alexandro Andrade</a>                |  Brazil | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>  | <a href="#">Social Sciences / Psychology</a><br>psicologia do esporte e do exercicio   atividade física e saúde   metodologia da pesquisa e epistemologia   inovação na saúde e no esporte | 39      | 32          | 0.821               | 117       | 92          | 0.786               | 5332     | 3803        | 0.713               |
| 668   | 2163    | 3162   | 114780 | <a href="#">Maria Jose Vieira Fonseca</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">ControleQualidadeSÃO Paulo</a><br>processo oxidativo celular   | 39      | 26          | 0.667               | 81        | 51          | 0.630               | 5332     | 2253        | 0.423               |
| 669   | 2164    | 3164   | 114822 | <a href="#">Daniel Fuentes</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">HospitaldasclinicasPsiquiatriMedicinSÃO Paulo</a><br>neuropsicologia   impulsividade   personalidade   escalas   testes  | 39      | 27          | 0.692               | 65        | 54          | 0.831               | 5310     | 2149        | 0.405               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 168   | 2165    | 3166   | 114854 | <a href="#">Telma Teixeira Franco</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  |  | 39      | 25          | 0.641               | 85        | 53          | 0.624               | 5297     | 2404        | 0.454               |
| 169   | 2166    | 3167   | 114868 | <a href="#">Jose Dirceu Ribeiro</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Pulmonology   | 39      | 25          | 0.641               | 125       | 85          | 0.680               | 5288     | 2672        | 0.505               |
| 10  | 2167    | 3168   | 114882 | <a href="#">José D Almeida</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Composite materials Polymers &amp; polymer composites </a><br>Composite materials   Polymers & polymer composites  | 39      | 22          | 0.564               | 112       | 54          | 0.482               | 5283     | 1768        | 0.335               |
| 170   | 2168    | 3169   | 114919 | <a href="#">Rodrigo Ramos Catharino</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">InnovareBiomarkersUNICAMP</a>  | 39      | 26          | 0.667               | 115       | 84          | 0.730               | 5265     | 2381        | 0.452               |
| 171   | 2169    | 3171   | 114947 | <a href="#">Marco AP Lima</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>atomic and molecular physics   electron-molecule scattering   positron-molecule scattering   | 39      | 13          | 0.333               | 136       | 21          | 0.154               | 5248     | 1004        | 0.191               |
| 26  | 2170    | 3172   | 114954 | <a href="#">Miguel Daniel Nosedá</a>            |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Carbohydrate chemistry   biotechnology   seaweeds   microalgae   polysaccharides                                   | 39      | 25          | 0.641               | 80        | 60          | 0.750               | 5245     | 2399        | 0.457               |
| 670   | 2171    | 3174   | 115016 | <a href="#">Regina Bernal</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">saúPública</a>   | 39      | 29          | 0.744               | 91        | 78          | 0.857               | 5221     | 3350        | 0.642               |
| 671   | 2172    | 3175   | 115024 | <a href="#">Claudimir Lucio Do Lago</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>química  | 39      | 19          | 0.487               | 91        | 49          | 0.538               | 5217     | 1406        | 0.270               |
| 172   | 2173    | 3176   | 115057 | <a href="#">Carlos Rettori</a>                  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   | 39      | 15          | 0.385               | 128       | 22          | 0.172               | 5204     | 1036        | 0.199               |
| 101   | 2174    | 3177   | 115072 | <a href="#">Jose Antonio Poli De Figueiredo</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Biologia dos Tecidos Bucais  | 39      | 26          | 0.667               | 108       | 70          | 0.648               | 5199     | 2195        | 0.422               |
| 49  | 2175    | 3178   | 115079 | <a href="#">Sergio Atala Dib</a>                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>INTERNAL MEDICINE   ENDOCRINOLOGIA   DIABETES MELLITUS  <br>IMUNOLOGIA abetes Mellitu e Imunologia | 39      | 24          | 0.615               | 102       | 54          | 0.529               | 5197     | 1687        | 0.325               |

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| 50  | 2176    | 3179   | 115089 | <a href="#">Sergio Baxter Andreoli</a>                               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Santos</a><br>Saúde Coletiva   Epidemiologia   Psiquiatria   Saúde Mental   Avaliação de Serviço  | 39      | 24          | 0.615               | 96        | 60          | 0.625               | 5191     | 1789        | 0.345               |
| 51  | 2177    | 3180   | 115096 | <a href="#">Maria Teresa De Sande E Lemos Ramos Ascensão Terreri</a> |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   |   | 39      | 25          | 0.641               | 133       | 88          | 0.662               | 5188     | 2612        | 0.503               |
| 102   | 2178    | 3184   | 115197 | <a href="#">Mônica Cristina De Oliveira</a>                          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia   | 39      | 27          | 0.692               | 139       | 92          | 0.662               | 5137     | 2704        | 0.526               |
| 672   | 2179    | 3185   | 115213 | <a href="#">Suzana Machado De Sousa</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral   Oral Cancer   Salivary gland neoplasm   | 39      | 21          | 0.538               | 124       | 53          | 0.427               | 5132     | 1685        | 0.328               |
| 38  | 2180    | 3186   | 115216 | <a href="#">Luiz Alberto Colnago</a>                                 |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">embrapa instrumentação</a>  | 39      | 25          | 0.641               | 131       | 96          | 0.733               | 5131     | 2496        | 0.486               |
| 673   | 2181    | 3188   | 115341 | <a href="#">Adelino Sanchez Ramos Da Silva</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSao Paulo</a>  | 39      | 28          | 0.718               | 134       | 101         | 0.754               | 5070     | 3016        | 0.595               |
| 27  | 2182    | 3189   | 115393 | <a href="#">Michel Fleith Otuki</a>                                  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology  | 39      | 26          | 0.667               | 77        | 57          | 0.740               | 5043     | 2172        | 0.431               |
| 674   | 2183    | 3191   | 115410 | <a href="#">Adrian Gurza Lavalle</a>                                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Social Sciences / Political Science</a><br>sociedade civil   organizações civis   participação   teorias da representação   instituições participativas | 39      | 22          | 0.564               | 68        | 47          | 0.691               | 5036     | 1862        | 0.370               |
| 32  | 2184    | 3192   | 115414 | <a href="#">Eloisa Dutra Caldas</a>                                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">ToxicologiBrasilia</a><br>toxicologia   química analítica   | 39      | 26          | 0.667               | 78        | 64          | 0.821               | 5035     | 2310        | 0.459               |
| 39  | 2185    | 3193   | 115422 | <a href="#">Jose Manoel Marconcini</a>                               |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   composites   polymer  | 39      | 34          | 0.872               | 86        | 84          | 0.977               | 5030     | 3655        | 0.727               |
| 675   | 2186    | 3194   | 115441 | <a href="#">Emiko Yoshikawa Egly</a>                                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">eVisitanteaã€!</a><br>Nursing. Collective Health. Intervention Methodology. Child violence. Social vulnerabilities. Migrants.                           | 39      | 23          | 0.590               | 125       | 54          | 0.432               | 5020     | 1849        | 0.368               |
| 26  | 2187    | 3195   | 115460 | <a href="#">Claudia Bonecker</a>                                     |  Brazil | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Nupéli</a><br>zooplankton   biodiversity   community ecology   aquatic ecology  | 39      | 22          | 0.564               | 116       | 71          | 0.612               | 5007     | 2170        | 0.433               |
| 676   | 2188    | 3196   | 115462 | <a href="#">Kaline Coutinho</a>                                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Modelagem Molecular e Química Quântica  | 39      | 18          | 0.462               | 99        | 44          | 0.444               | 5007     | 1346        | 0.269               |















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| 52  | 2189    | 3197   | 115474 | <a href="#">Rosana Puccia</a>                   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">UNIFESP</a><br>micologia médica  | 39      | 21          | 0.538               | 68        | 33          | 0.485               | 5002     | 1494        | 0.299               |
| 677   | 2190    | 3198   | 115477 | <a href="#">Patrícia Izar</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Social Sciences / Psychology</a><br>Comportamento Animal   Primatologia   Cognição   Ecologia                              | 39      | 24          | 0.615               | 71        | 55          | 0.775               | 5001     | 2046        | 0.409               |
| 12  | 2191    | 3199   | 115485 | <a href="#">Wendell Karlos Tomazelli Coltro</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Instrumentação   Microfluídica   Bioanalítica              | 39      | 33          | 0.846               | 95        | 80          | 0.842               | 4997     | 3110        | 0.622               |
| 103   | 2192    | 3200   | 115494 | <a href="#">Roberto Luiz Moreira</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   Raman Scattering   Infrared Spectroscopy   Microwave Ceramics | 39      | 21          | 0.538               | 121       | 55          | 0.455               | 4993     | 1820        | 0.365               |
| 678   | 2193    | 3201   | 115541 | <a href="#">Maria Cristina Roque Barreira</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Glycobiology   Infectious Diseases                            | 39      | 20          | 0.513               | 119       | 64          | 0.538               | 4962     | 1647        | 0.332               |
| 21  | 2194    | 3205   | 115609 | <a href="#">Luis Cristovao Porto</a>            |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | histocompatibility   tissue repair   cryopreservatio   oxidative stress  | 39      | 24          | 0.615               | 110       | 65          | 0.591               | 4920     | 2083        | 0.423               |
| 85  | 2195    | 3206   | 115651 | <a href="#">Antonio Sole Cava</a>               |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">UFRJ</a><br>Molecular systematics   Molecular Ecology   Conservation Genetics   Fisheries genetics                         | 39      | 17          | 0.436               | 89        | 33          | 0.371               | 4895     | 1101        | 0.225               |
| 679   | 2196    | 3207   | 115665 | <a href="#">Rodrigo Martins Soares</a>          |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">UniversidSão Paulo</a><br>Doenças parasitárias de humanos e animais e zoonoses   | 39      | 22          | 0.564               | 111       | 73          | 0.658               | 4887     | 1966        | 0.402               |
| 68  | 2197    | 3209   | 115716 | <a href="#">Camila I. De Oliveira</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">IGM-FIOCRUZ</a><br>camila@bahia.fiocruz.br   | 39      | 24          | 0.615               | 76        | 63          | 0.829               | 4861     | 1989        | 0.409               |
| 8   | 2198    | 3210   | 115717 | <a href="#">Alexandre R. Marra</a>              |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>            | <a href="#">University of Iowa Hospitals and Clinics / Hospital Israelita Albert Einstein</a><br>infection control and epidemiology    | 39      | 26          | 0.667               | 75        | 55          | 0.733               | 4859     | 2174        | 0.447               |
| 3   | 2199    | 3211   | 115723 | <a href="#">Tomas Hrbek</a>                     |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>         | <a href="#">Natural Sciences / Biological Science</a><br>Evolution   Ecology   Genetics  | 39      | 25          | 0.641               | 98        | 77          | 0.786               | 4852     | 2196        | 0.453               |
| 34  | 2200    | 3212   | 115743 | <a href="#">Luis Augusto Nero</a>               |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>            | microbiologia de alimentos   | 39      | 29          | 0.744               | 123       | 95          | 0.772               | 4842     | 2949        | 0.609               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 118   | 2201    | 3214   | 115757 | <a href="#">Fm Pontes</a>                          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química do estado solido   ciencias dos materiais  | 39      | 16          | 0.410               | 82        | 31          | 0.378               | 4838     | 881         | 0.182               |
| 53  | 2202    | 3215   | 115772 | <a href="#">Anderson M Rodrigues</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   taxonomy   molecular diagnosis   proteomics   mycology                                      | 39      | 33          | 0.846               | 69        | 66          | 0.957               | 4832     | 3635        | 0.752               |
| 680   | 2203    | 3216   | 115776 | <a href="#">Francisco Antonio Bezerra Coutinho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Physics   Epidemiology   | 39      | 21          | 0.538               | 113       | 46          | 0.407               | 4827     | 1771        | 0.367               |
| 2   | 2204    | 3217   | 115813 | <a href="#">Geraldo Bezerra Da Silva Junior</a>    |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>                       | <a href="#">Medical and Health Sciences / Nephrology</a><br>Medicine   Nephrology   Public Health   Tropical Diseases   eHealth  | 39      | 25          | 0.641               | 125       | 91          | 0.728               | 4802     | 2753        | 0.573               |
| 51  | 2205    | 3218   | 115832 | <a href="#">Tania Beatriz Creczynski Pasa</a>      |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>cancer   antitumorais   melanoma   leucemia   membranas lipídicas  | 39      | 25          | 0.641               | 89        | 62          | 0.697               | 4792     | 2009        | 0.419               |
| 27  | 2206    | 3219   | 115835 | <a href="#">Luiz Felipe Machado Velho</a>          |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Biological Science</a><br>Community Ecology   zooplankton   Protistology  | 39      | 21          | 0.538               | 104       | 59          | 0.567               | 4791     | 2041        | 0.426               |
| 69  | 2207    | 3222   | 115948 | <a href="#">Luiz Antonio Rodrigues De Freitas</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador Titular do Instituto Gonçalo Moniz, FIOCRUZ, Salvador Bahia</a><br>Saude. Patologia. Doenças infecciosas e parasitárias. Oncologia. Doenças do fígado. Hepatologia | 39      | 20          | 0.513               | 90        | 49          | 0.544               | 4721     | 1373        | 0.291               |
| 104   | 2208    | 3223   | 115953 | <a href="#">Evanguedes Kalapothakis</a>            |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">UniversidMinasGerais</a><br>Toxins   fish   DNA   forense   eDNA   | 39      | 21          | 0.538               | 113       | 55          | 0.487               | 4719     | 1644        | 0.348               |
| 681   | 2209    | 3224   | 115961 | <a href="#">Augusto Damineli</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>professor titular do IAGUSP  | 39      | 19          | 0.487               | 75        | 37          | 0.493               | 4715     | 1134        | 0.241               |
| 52  | 2210    | 3225   | 115982 | <a href="#">Hernan Terenzi</a>                     |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biochemistry   molecular biology   protein chemistry   | 39      | 24          | 0.615               | 95        | 62          | 0.653               | 4705     | 1849        | 0.393               |
| 682   | 2211    | 3226   | 115987 | <a href="#">Catarina Teixeira</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacology and Toxicology</a><br>Toxinology   Pharmacology   Cell Biology  | 39      | 26          | 0.667               | 87        | 64          | 0.736               | 4703     | 1936        | 0.412               |
| 683   | 2212    | 3227   | 115996 | <a href="#">Ricardo Brandt De Oliveira</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>gastroenterologia  | 39      | 15          | 0.385               | 109       | 35          | 0.321               | 4697     | 1171        | 0.249               |












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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 684   | 2213    | 3228   | 116031 | <a href="#">Ronaldo Francini Filho</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Marine Biology   Coral Reefs   Conservation   Marine Protected Areas   Mesophotic Reefs   | 39      | 31          | 0.795               | 89        | 72          | 0.809               | 4673     | 2817        | 0.603               |
| 119   | 2214    | 3230   | 116062 | <a href="#">Dulce Helena Siqueira Silva</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>produtos naturais   bioprospecção   quimioprevenção   espectrometria   | 39      | 23          | 0.590               | 104       | 59          | 0.567               | 4651     | 1747        | 0.376               |
| 105   | 2215    | 3232   | 116090 | <a href="#">Helio Chacham</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>Nanostructures   Condensed Matter Physics   Graphene   | 39      | 19          | 0.487               | 88        | 39          | 0.443               | 4631     | 1309        | 0.283               |
| 21  | 2216    | 3233   | 116098 | <a href="#">Raquel Guimarães Jacob</a>   |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Síntese Orgânica   Química Verde   Recursos Renováveis  | 39      | 23          | 0.590               | 98        | 69          | 0.704               | 4626     | 2035        | 0.440               |
| 685   | 2217    | 3234   | 116116 | <a href="#">Victor E Arana Chavez</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Oral   Microscopia   Biomateriais  | 39      | 21          | 0.538               | 99        | 57          | 0.576               | 4616     | 1829        | 0.396               |
| 106   | 2218    | 3236   | 116119 | <a href="#">Luiz De Marco</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>molecular biology   internal medicine   | 39      | 17          | 0.436               | 108       | 35          | 0.324               | 4613     | 1134        | 0.246               |
| 86  | 2219    | 3237   | 116150 | <a href="#">Bartira Rossi Bergmann</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiroBrazil</a><br>Leishmaniasis   drug target   drug delivery   nanobiotechnology  | 39      | 22          | 0.564               | 79        | 58          | 0.734               | 4590     | 1641        | 0.358               |
| 686   | 2220    | 3240   | 116185 | <a href="#">Eliseu Alves Waldman</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 39      | 23          | 0.590               | 89        | 48          | 0.539               | 4562     | 1745        | 0.383               |
| 687   | 2221    | 3242   | 116227 | <a href="#">Pedro Ed Augusto Pedro Esteves Duarte Augusto, Pedro E. Duarte Augusto, P. E. D. Augusto</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Food Process Engineering   Food Science   Non-Conventional Processes   Food Biophysics | 39      | 37          | 0.949               | 105       | 92          | 0.876               | 4526     | 3742        | 0.827               |
| 107   | 2222    | 3244   | 116255 | <a href="#">Claudio Antonio Bonjardim</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>Virologia   Transdução de Sinal   Antivirais   | 39      | 23          | 0.590               | 91        | 53          | 0.582               | 4509     | 1433        | 0.318               |
| 36  | 2223    | 3245   | 116270 | <a href="#">Arlene Gonçalves Corrêa</a>  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>organic synthesis   green chemistry   combinatorial chemistry   medicinal chemistry  | 39      | 25          | 0.641               | 108       | 69          | 0.639               | 4496     | 1870        | 0.416               |

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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 37  | 2224    | 3246   | 116285 | <a href="#">Rosario Elida Suman Bretas</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymer   nanocomposites   processing   rhology   electrospinning        | 39      | 23          | 0.590               | 93        | 50          | 0.538               | 4480     | 1796        | 0.401               |
| 54  | 2225    | 3247   | 116296 | <a href="#">Claudio E Kater</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>endocrinology   adrenal diseases   hypertension   neuroendocrinology   sports medicine | 39      | 18          | 0.462               | 96        | 41          | 0.427               | 4469     | 1401        | 0.313               |
| 120   | 2226    | 3248   | 116302 | <a href="#">Luciano Cintra</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Medical and Health Sciences / Dentistry   | 39      | 32          | 0.821               | 101       | 97          | 0.960               | 4466     | 3295        | 0.738               |
| 38  | 2227    | 3251   | 116361 | <a href="#">Jose Maria Correa Bueno</a>    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalise Heterogenea   Engenharia Quimica   Quimica  | 39      | 23          | 0.590               | 70        | 57          | 0.814               | 4419     | 1859        | 0.421               |
| 688   | 2228    | 3252   | 116418 | <a href="#">Carlos GS Pedreira</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">ESALO</a><br>Forages   pastures  | 39      | 23          | 0.590               | 91        | 50          | 0.549               | 4361     | 1545        | 0.354               |
| 7   | 2229    | 3253   | 116425 | <a href="#">Ana Paula M Di Beneditto</a>   |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia e conservação de recursos marinhos vivos   | 39      | 24          | 0.615               | 102       | 75          | 0.735               | 4352     | 1952        | 0.449               |
| 102   | 2230    | 3254   | 116449 | <a href="#">Suzi Alves Camey</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Statistics</a><br>Statistics   Epidemiology   Nutrition   | 39      | 26          | 0.667               | 83        | 67          | 0.807               | 4333     | 1988        | 0.459               |
| 108   | 2231    | 3255   | 116458 | <a href="#">Candido Celso Coimbra</a>      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Physiology</a><br>Exercise Physiology   Metabolism   Thermoregulation  | 39      | 25          | 0.641               | 112       | 66          | 0.589               | 4320     | 2115        | 0.490               |
| 173   | 2232    | 3256   | 116475 | <a href="#">Araldo Naves De Brito</a>      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Physics</a><br>Atomic and Molecular Physics   Electron Spectroscopy   | 39      | 13          | 0.333               | 108       | 18          | 0.167               | 4298     | 606         | 0.141               |
| 6   | 2233    | 3258   | 116503 | <a href="#">Josiane Budni</a>              |  Brazil | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>           | <a href="#">UNESC</a><br>Alzheimer disease   aging   cognitive impairment  | 39      | 29          | 0.744               | 80        | 75          | 0.938               | 4271     | 2488        | 0.583               |
| 2   | 2234    | 3259   | 116507 | <a href="#">Richard De Campos Pacheco</a>  |  Brazil | <a href="#">Universidade Federal de Mato Grosso</a>                     | <a href="#">Ixodologia</a>   Doenças transmitidas por carrapatos   | 39      | 25          | 0.641               | 74        | 63          | 0.851               | 4269     | 1907        | 0.447               |







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| University  | Country | Region | World  | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 689   | 2235    | 3260   | 116530 | <a href="#">Yoshiharu Kohayakawa</a>           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Natural Sciences / Mathematics</a><br>Combinatorics   graph theory   probability   theoretical computer science  | 39      | 20          | 0.513               | 91        | 51          | 0.560               | 4244     | 1426        | 0.336               |
| 690   | 2236    | 3261   | 116566 | <a href="#">Célia Regina Da Silva Garcia</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>malária   genômica funcional   biologia molecular e celular de patógenos   antimaláricos | 39      | 23          | 0.590               | 94        | 57          | 0.606               | 4200     | 1527        | 0.364               |
| 19  | 2237    | 3262   | 116575 | <a href="#">Irismar Reis De Oliveira</a>       | <br>Brazil   | <a href="#">Universidade Federal da Bahia</a>                      | Psychiatry   psychopharmacology and psychotherapy  | 39      | 21          | 0.538               | 96        | 44          | 0.458               | 4190     | 1386        | 0.331               |
| 28  | 2238    | 3265   | 116651 | <a href="#">Luiz Humberto Marcolino Junior</a> | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletroquímica   eletroanalítica   química analítica   sensores eletroquímicos  | 39      | 31          | 0.795               | 93        | 72          | 0.774               | 4075     | 2542        | 0.624               |
| 691   | 2239    | 3266   | 116657 | <a href="#">Lisete Compagno Michelini</a>      | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia cardiovascular   controle autonômico   hipertensão   exercício  | 39      | 21          | 0.538               | 76        | 46          | 0.605               | 4061     | 1375        | 0.339               |
| 22  | 2240    | 3267   | 116680 | <a href="#">Alexandre De Freitas Azevedo</a>   | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>      | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia   | 39      | 25          | 0.641               | 85        | 65          | 0.765               | 4021     | 2021        | 0.503               |
| 103   | 2241    | 3268   | 116700 | <a href="#">André Quincozes Santos</a>         | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>    | <a href="#">Medical and Health Sciences / Biochemistry</a>   | 39      | 28          | 0.718               | 90        | 71          | 0.789               | 3982     | 2169        | 0.545               |
| 692   | 2242    | 3270   | 116950 | <a href="#">Sueli Mieko Oba Shinjo</a>         | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular and Cellular Biology of Tumors  | 38      | 27          | 0.711               | 86        | 58          | 0.674               | 18071    | 8498        | 0.470               |
| 693   | 2243    | 3272   | 117037 | <a href="#">João Maurício Castaldelli Maia</a> | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Substance Use Disorders   Psychiatric Epidemiology   Social Psychiatry   Cultural Psychiatry   Sports Psychiatry     | 38      | 34          | 0.895               | 85        | 81          | 0.953               | 14961    | 14536       | 0.972               |
| 70  | 2244    | 3274   | 117093 | <a href="#">Marcos Vannier Santos</a>          | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>                              | <a href="#">Pesquisador Titular, Instituto Oswaldo Cruz, FIOCRUZ, RJ</a><br>Parasitologia   Biologia Celular   Meio Ambiente   Cancer   Microscopia                              | 38      | 23          | 0.605               | 77        | 44          | 0.571               | 13497    | 6971        | 0.516               |
| 6   | 2245    | 3275   | 117137 | <a href="#">Lucia Helena Cunha Dos Anjos</a>   | <br>Brazil | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a> | <a href="#">olo</a><br>Pedologia   Classificação de Solos   Etnopedologia   Pedometria   | 38      | 23          | 0.605               | 129       | 79          | 0.612               | 12719    | 6998        | 0.550               |
| 174   | 2246    | 3277   | 117168 | <a href="#">Maria Teresa Egler Mantoan</a>     | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>          | Tópicos especiais de educação inclusiva  | 38      | 27          | 0.711               | 82        | 49          | 0.598               | 12335    | 4929        | 0.400               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 2247    | 3278   | 117188 | <a href="#">Luisa G Carvalho</a>              |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                    | Conservation   Community ecology   Ecosystem services   Trophic networks   Pollination   | 38      | 34          | 0.895               | 55        | 52          | 0.945               | 12045    | 8244        | 0.684               |
| 4   | 2248    | 3279   | 117231 | <a href="#">Antonio Almeida Silva *</a>       |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>               | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Dinâmica e Vibrações mecânicas  | 38      | 24          | 0.632               | 114       | 56          | 0.491               | 11469    | 5644        | 0.492               |
| 8   | 2249    | 3281   | 117320 | <a href="#">Mary Jane Spink</a>               |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia social   risco   praticas discursivas   moradia   | 38      | 24          | 0.632               | 80        | 48          | 0.600               | 10597    | 2829        | 0.267               |
| 694   | 2250    | 3282   | 117416 | <a href="#">José Guilherme Cantor Magnani</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Social Sciences / Anthropology</a><br>Antropologia Urbana   Etnografia   Jovens   Religião   Lazer   | 38      | 23          | 0.605               | 68        | 48          | 0.706               | 9834     | 3068        | 0.312               |
| 175   | 2251    | 3288   | 117532 | <a href="#">Roberto A Lotufo</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>deep learning   image processing   natural language processing | 38      | 23          | 0.605               | 107       | 40          | 0.374               | 9270     | 2742        | 0.296               |
| 104   | 2252    | 3290   | 117637 | <a href="#">Rogério Riffel</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">Natural Sciences / Physics</a><br>Astrofísica  | 38      | 34          | 0.895               | 96        | 90          | 0.938               | 8842     | 7278        | 0.823               |
| 16  | 2253    | 3291   | 117698 | <a href="#">Eduardo Passos</a>                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                      | <a href="#">Social Sciences / Psychology</a><br>Psicologia   Saúde Pública   Metodologia de Pesquisa   Pesquisa Qualitativa   Subjetividade              | 38      | 28          | 0.737               | 63        | 42          | 0.667               | 8642     | 3901        | 0.451               |
| 695   | 2254    | 3292   | 117740 | <a href="#">Reginaldo Prandi</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Social Sciences / Sociology</a><br>Sociologia da religião  | 38      | 24          | 0.632               | 82        | 39          | 0.476               | 8494     | 2799        | 0.330               |
| 2   | 2255    | 3293   | 117747 | <a href="#">Valdir F Veiga Junior</a>         |  Brazil | <a href="#">Instituto Militar de Engenharia</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   | 38      | 30          | 0.789               | 83        | 66          | 0.795               | 8461     | 4060        | 0.480               |
| 696   | 2256    | 3294   | 117796 | <a href="#">Nivaldo Alonso</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Plastic Surgery</a><br>cirurgia plástica   | 38      | 24          | 0.632               | 135       | 80          | 0.593               | 8353     | 5414        | 0.648               |
| 697   | 2257    | 3296   | 117829 | <a href="#">Edna T Kimura</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Cell Biology   Oncology   Endocrinology                       | 38      | 24          | 0.632               | 71        | 43          | 0.606               | 8247     | 2032        | 0.246               |
| 176   | 2258    | 3298   | 117880 | <a href="#">Otávio Rizzi Coelho</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | Myocardial Infarction   Dyslipidemia   Heart Failure   Diabetes   Hypertension   | 38      | 24          | 0.632               | 82        | 54          | 0.659               | 8119     | 4155        | 0.512               |







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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 121   | 2259    | 3299   | 117931 | <a href="#">Renato De Mello Prado</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Nutrição de Plantas   Nutrição Mineral de Plantas   | 38      | 24          | 0.632               | 248       | 132         | 0.532               | 7999     | 4006        | 0.501               |
| 40  | 2260    | 3300   | 117997 | <a href="#">Alcineia C Oliveira</a>               |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>catalysts   materials   engeneering   chemistry   | 38      | 26          | 0.684               | 146       | 75          | 0.514               | 7859     | 4383        | 0.558               |
| 698   | 2261    | 3303   | 118168 | <a href="#">Cristina Yumi Miyaki</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biogeografia   sistemática molecular   genética da conservação   ecologia molecular   aves | 38      | 27          | 0.711               | 81        | 53          | 0.654               | 7507     | 2449        | 0.326               |
| 699   | 2262    | 3305   | 118227 | <a href="#">Bruno Caramelli</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiovascular prevention   perioperative   HIV   atrial fibrillation   Atherosclerosis               | 38      | 25          | 0.658               | 112       | 55          | 0.491               | 7421     | 2762        | 0.372               |
| 105   | 2263    | 3306   | 118292 | <a href="#">Manuel Menezes De Oliveira Neto</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Graphics   Image Processing   Computer Vision   Computational Photography             | 38      | 26          | 0.684               | 65        | 43          | 0.662               | 7319     | 2651        | 0.362               |
| 700   | 2264    | 3307   | 118303 | <a href="#">John Weiner</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Visiting Sao Paulo</a><br>Nanoscale science   cold quantum matter   | 38      | 16          | 0.421               | 108       | 25          | 0.231               | 7305     | 991         | 0.136               |
| 109   | 2265    | 3308   | 118322 | <a href="#">Andy Petroianu</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Spleen   Splenectomy   Acute appendicitis   Wound healing   Ethics  | 38      | 17          | 0.447               | 159       | 35          | 0.220               | 7282     | 1804        | 0.248               |
| 122   | 2266    | 3309   | 118323 | <a href="#">Marcos Aurélio Farias De Oliveira</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Ciências da Terra   Geologia   | 38      | 22          | 0.579               | 161       | 56          | 0.348               | 7275     | 2211        | 0.304               |
| 701   | 2267    | 3310   | 118334 | <a href="#">Fernando C Capovilla</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Libras   Alfabetização   Língua   Dislexia   Surdo  | 38      | 22          | 0.579               | 140       | 42          | 0.300               | 7255     | 1814        | 0.250               |
| 55  | 2268    | 3311   | 118346 | <a href="#">Enio Buffolo</a>                      |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Cardiovascular Surgery</a><br>Cirurgia Cardiovascular   | 38      | 14          | 0.368               | 130       | 24          | 0.185               | 7243     | 876         | 0.121               |
| 177   | 2269    | 3313   | 118397 | <a href="#">Wilson Suzigan</a>                    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>História Econômica   Economia   Política Industrial  | 38      | 22          | 0.579               | 80        | 33          | 0.413               | 7169     | 1688        | 0.235               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 702   | 2270    | 3314   | 118437 | <a href="#">Luiz Fernando Ferraz Da Silva</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |   | 38      | 28          | 0.737               | 138       | 84          | 0.609               | 7108     | 3774        | 0.531               |
| 703   | 2271    | 3315   | 118469 | <a href="#">Matthew Luzum</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>relativistic heavy-ion collisions   heavy-ion collisions   hydrodynamics   quark-gluon plasma   physics | 38      | 29          | 0.763               | 58        | 50          | 0.862               | 7055     | 3757        | 0.533               |
| 704   | 2272    | 3316   | 118493 | <a href="#">Marcia Furquim De Almeida</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   saúde materno infantil   desigualdades em saúde       | 38      | 24          | 0.632               | 113       | 49          | 0.434               | 7025     | 2346        | 0.334               |
| 87  | 2273    | 3318   | 118578 | <a href="#">Ricardo Gattass</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   cortical visual areas   single unit   cortical connection                | 38      | 18          | 0.474               | 64        | 34          | 0.531               | 6913     | 1371        | 0.198               |
| 123   | 2274    | 3320   | 118644 | <a href="#">Jaime Maia Dos Santos</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">NematologiAgrícola/FCAV</a><br>nematologia   agronomia  | 38      | 25          | 0.658               | 156       | 49          | 0.314               | 6815     | 3023        | 0.444               |
| 124   | 2275    | 3321   | 118652 | <a href="#">Edivaldo Domingues Velini</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plantas Daninhas e Métodos de Controle (Weed Science)                                   | 38      | 21          | 0.553               | 160       | 56          | 0.350               | 6808     | 2533        | 0.372               |
| 178   | 2276    | 3322   | 118667 | <a href="#">Kikyo Yamamoto</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Taxonomia de Vochysiaceae e Ochnaceae   Estudos florísticos   | 38      | 19          | 0.500               | 148       | 40          | 0.270               | 6785     | 1961        | 0.289               |
| 110   | 2277    | 3326   | 118783 | <a href="#">Alexandra Mansur</a>                   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanomaterials   Nanotechnology   Materials Science   Nanomedicine    | 38      | 29          | 0.763               | 95        | 76          | 0.800               | 6665     | 3954        | 0.593               |
| 35  | 2278    | 3328   | 118840 | <a href="#">Olinto Liparini Pereira</a>            |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Mycology&amp;PlantPathology</a><br>Mycology   | 38      | 33          | 0.868               | 115       | 74          | 0.643               | 6610     | 4678        | 0.708               |
| 11  | 2279    | 3329   | 118892 | <a href="#">Harki Tanaka</a>                       |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Engenharia Clínica   Medicina   Engenharia Biomédica                              | 38      | 17          | 0.447               | 128       | 34          | 0.266               | 6576     | 1492        | 0.227               |
| 40  | 2280    | 3331   | 118940 | <a href="#">Eduardo Delgado Assad</a>              |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador em Agrometeorologia, Embrapa</a><br>Mudanças Climáticas   SIG   Sensoriamento Remoto   Risco Climático                        | 38      | 23          | 0.605               | 103       | 50          | 0.485               | 6538     | 2733        | 0.418               |
| 705   | 2281    | 3337   | 119087 | <a href="#">Maria Lucia Caetano Pinto Da Silva</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>compósitos   corrosão   | 38      | 25          | 0.658               | 105       | 54          | 0.514               | 6416     | 3322        | 0.518               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 706   | 2282    | 3338   | 119100 | <a href="#">Hillegonda Maria Dutilh Novaes</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MedicinMedicinãE!</a><br>avaliação em saúde   avaliação tecnológica e econômica em saúde   sistemas de informação em saúde   epidemiologia perina                | 38      | 22          | 0.579               | 102       | 51          | 0.500               | 6403     | 1763        | 0.275               |
| 707   | 2283    | 3339   | 119128 | <a href="#">Edson Zangiacomi Martinez</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biostatistics</a><br>bioestatística   métodos bayesianos   | 38      | 27          | 0.711               | 152       | 90          | 0.592               | 6378     | 3031        | 0.475               |
| 708   | 2284    | 3342   | 119211 | <a href="#">Paulo Louzada Junior</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Rheumatology   | 38      | 29          | 0.763               | 107       | 74          | 0.692               | 6316     | 3729        | 0.590               |
| 709   | 2285    | 3344   | 119234 | <a href="#">Antonio Carlos Hernandes</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Materiais   Divulgação científica  | 38      | 21          | 0.553               | 173       | 62          | 0.358               | 6298     | 2057        | 0.327               |
| 125   | 2286    | 3345   | 119239 | <a href="#">Telma Teresinha Berchielli</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Avaliação de Alimentos e Nutrição de Ruminantes  | 38      | 24          | 0.632               | 128       | 69          | 0.539               | 6295     | 2927        | 0.465               |
| 88  | 2287    | 3348   | 119277 | <a href="#">Otto Carlos Muniz Bandeira Duarte</a>            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>Redes de Computadores   Internet   Comunicação   | 38      | 22          | 0.579               | 139       | 49          | 0.353               | 6261     | 2126        | 0.340               |
| 17  | 2288    | 3350   | 119347 | <a href="#">João Carlos Correia Baptista Soares De Mello</a> |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Envelopment Analysis   DEA   efficiency   multicriteria   decision analysis                          | 38      | 21          | 0.553               | 137       | 59          | 0.431               | 6211     | 2111        | 0.340               |
| 710   | 2289    | 3351   | 119363 | <a href="#">Eduardo Azevedo</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>nuclear magnetic resonance   polymers   biomass   quantum information  | 38      | 25          | 0.658               | 104       | 51          | 0.490               | 6202     | 2460        | 0.397               |
| 126   | 2290    | 3352   | 119384 | <a href="#">Assis Vicente Benedetti</a>                      |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Físico-Química - Eletroquímica e corrosão  | 38      | 26          | 0.684               | 105       | 54          | 0.514               | 6180     | 1976        | 0.320               |
| 9   | 2291    | 3353   | 119393 | <a href="#">Nelson Hamerschlag</a>                           |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">maria Flora e Israel Hamerschlag</a><br>hematologia   transplantes de medula óssea e terapia celular   | 38      | 28          | 0.737               | 114       | 84          | 0.737               | 6177     | 3001        | 0.486               |
| 711   | 2292    | 3354   | 119423 | <a href="#">Maria De Lourdes Pires Bianchi</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>bioquímica da nutrição   mutagênese   nutrigenômica   interação alimento-medicamento | 38      | 26          | 0.684               | 76        | 51          | 0.671               | 6154     | 1981        | 0.322               |
| 111   | 2293    | 3355   | 119473 | <a href="#">José Francisco Soares</a>                        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">AvaliaÃ§Ão Educacional</a><br>Avaliação Educacional  | 38      | 25          | 0.658               | 59        | 39          | 0.661               | 6112     | 2055        | 0.336               |


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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 712   | 2294    | 3357   | 119511 | <a href="#">UF Araujo</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia e educação  | 38      | 23          | 0.605               | 61        | 43          | 0.705               | 6083     | 1899        | 0.312               |
| 12  | 2295    | 3358   | 119528 | <a href="#">Dmitri Vassilevich</a>           |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Mathematics</a><br>mathematical physics   quantum field theory   gravity   noncommutative geometry  | 38      | 18          | 0.474               | 115       | 34          | 0.296               | 6068     | 1685        | 0.278               |
| 11  | 2296    | 3360   | 119554 | <a href="#">Marcondes Lima Da Costa</a>      |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Mining Engineering</a><br>Intemperismo e lateritização   Terra Preta e Cerâmica   Depósitos Minerais  | 38      | 23          | 0.605               | 126       | 68          | 0.540               | 6050     | 2361        | 0.390               |
| 39  | 2297    | 3361   | 119560 | <a href="#">José Antônio Eiras</a>           |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">DFUFSCar</a><br>Ferroic Materials  | 38      | 17          | 0.447               | 172       | 48          | 0.279               | 6045     | 1585        | 0.262               |
| 41  | 2298    | 3362   | 119568 | <a href="#">Alessandro Carioca De Araújo</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a>  | 38      | 28          | 0.737               | 65        | 53          | 0.815               | 6044     | 3178        | 0.526               |
| 127   | 2299    | 3363   | 119603 | <a href="#">Gervasio Bechara</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Immunopathology of resistance to ticks   Tick biology   morphology and control   Experimental inflammation   Pro-inflammatory Factor of Lymphocytes | 38      | 21          | 0.553               | 120       | 55          | 0.458               | 6022     | 2660        | 0.442               |
| 8   | 2300    | 3365   | 119608 | <a href="#">Gervasio Bechara</a>             |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Medical and Health Sciences / Pathology</a><br>Controle do carrapato   Ecobiologia do carrapato   Processo inflamatório  | 38      | 21          | 0.553               | 121       | 55          | 0.455               | 6020     | 2660        | 0.442               |
| 128   | 2301    | 3367   | 119671 | <a href="#">Carlos Rocha Gomes Torres</a>    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística   Estética   Clareamento Dental   Resina composta  | 38      | 29          | 0.763               | 148       | 94          | 0.635               | 5973     | 3367        | 0.564               |
| 713   | 2302    | 3368   | 119733 | <a href="#">Heleno Bolfarine</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | Primeiro interesse   Statistical Inference   Segundo interesse   | 38      | 23          | 0.605               | 118       | 52          | 0.441               | 5933     | 1955        | 0.330               |
| 714   | 2303    | 3369   | 119771 | <a href="#">Eduardo Melani Rocha</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">da UniversidSão Paulo</a><br>Eye   hormones   epidemiology   mechanisms   gene therapy   | 38      | 27          | 0.711               | 97        | 58          | 0.598               | 5911     | 2541        | 0.430               |
| 29  | 2304    | 3370   | 119774 | <a href="#">Jose Renes Pinheiro</a>          |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics   Control and Applications   Reliability   | 38      | 17          | 0.447               | 112       | 44          | 0.393               | 5910     | 1368        | 0.231               |
| 715   | 2305    | 3372   | 119793 | <a href="#">Ana Paula Milla Dos Santos</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Fisiologia Vegetal   Ecologia  | 38      | 26          | 0.684               | 132       | 75          | 0.568               | 5895     | 2933        | 0.498               |











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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 2306    | 3375   | 119880 | <a href="#">Fabricio Boscolo Del Vecchio</a>    |  Brazil   | <a href="#">Universidade Federal de Pelotas UPPEL</a>                      | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Science   Health   Physical Education   Sports Training   Combat Sports                 | 38      | 32          | 0.842               | 96        | 75          | 0.781               | 5841     | 3600        | 0.616               |
| 18  | 2307    | 3376   | 119895 | <a href="#">Mário Sérgio Mantovani</a>          |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Toxicológica  | 38      | 20          | 0.526               | 108       | 62          | 0.574               | 5834     | 2138        | 0.366               |
| 716   | 2308    | 3377   | 119899 | <a href="#">Octávio Marques Pontes Neto</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurology   Stroke   Intracerebral Hemorrhage   Cerebrovascular Diseases   Obstructive Sleep Apnea | 38      | 31          | 0.816               | 94        | 79          | 0.840               | 5831     | 4192        | 0.719               |
| 129   | 2309    | 3378   | 119903 | <a href="#">Sandra Helena Penha De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Imunofarmacologia   Imunologia celular.  | 38      | 26          | 0.684               | 103       | 75          | 0.728               | 5827     | 3301        | 0.567               |
| 130   | 2310    | 3379   | 119960 | <a href="#">Sebastião Roberto Taboga</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   Reprodução   Próstata   | 38      | 23          | 0.605               | 181       | 109         | 0.602               | 5792     | 2611        | 0.451               |
| 11  | 2311    | 3380   | 119971 | <a href="#">Flávio De Andrade Silva</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | fiber reinforced cement based materials   | 38      | 36          | 0.947               | 108       | 92          | 0.852               | 5782     | 4086        | 0.707               |
| 23  | 2312    | 3381   | 119996 | <a href="#">Célia Caldas</a>                    |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | Elderly Care   Public Health  | 38      | 24          | 0.632               | 98        | 61          | 0.622               | 5772     | 2060        | 0.357               |
| 13  | 2313    | 3382   | 120012 | <a href="#">Juliano Elvis Oliveira</a>          |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                        | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materiais   polímeros   nanotecnologia   biosistemas              | 38      | 29          | 0.763               | 87        | 73          | 0.839               | 5763     | 4161        | 0.722               |
| 53  | 2314    | 3383   | 120021 | <a href="#">Andre Bafica</a>                    |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology  | 38      | 24          | 0.632               | 53        | 39          | 0.736               | 5756     | 1611        | 0.280               |
| 106   | 2315    | 3384   | 120041 | <a href="#">Tarcisio Abreu Saurin</a>           |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | Resilience engineering   healthcare management   lean production   safety   complexity theory   | 38      | 32          | 0.842               | 97        | 74          | 0.763               | 5741     | 3649        | 0.636               |













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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 717   | 2316    | 3386   | 120090 | <a href="#">Benedito Carlos Maciel</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiology   echocardiography   exercise   autonomic nervous system   heart rate                          | 38      | 20          | 0.526               | 96        | 37          | 0.385               | 5713     | 1548        | 0.271               |
| 36  | 2317    | 3388   | 120128 | <a href="#">Andrade Nelio</a>                       |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>               | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food microbiology. Food hygiene  | 38      | 25          | 0.658               | 77        | 55          | 0.714               | 5696     | 2614        | 0.459               |
| 42  | 2318    | 3389   | 120183 | <a href="#">Claudia Teixeira Guimaraes</a>          |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Molecular markers   Abiotic stresses   QTL mapping                                  | 38      | 23          | 0.605               | 64        | 45          | 0.703               | 5661     | 2090        | 0.369               |
| 20  | 2319    | 3390   | 120215 | <a href="#">Eduardo Martins Netto</a>               |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                    | Doenças Infecciosas   | 38      | 24          | 0.632               | 118       | 70          | 0.593               | 5643     | 2365        | 0.419               |
| 6   | 2320    | 3391   | 120226 | <a href="#">Luiz Alberto Oliveira Rocha</a>         |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>   | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Termodinâmica   Transferência de Calor   Mecânica dos Fluidos   Energia e Teoria Constructal | 38      | 29          | 0.763               | 124       | 101         | 0.815               | 5639     | 3072        | 0.545               |
| 9   | 2321    | 3392   | 120244 | <a href="#">Felipe Francisco Bondan Tuon</a>        |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a> | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectologia   infectious diseases   leishmaniasis   brucellosis   antimicrobial resistance      | 38      | 28          | 0.737               | 108       | 70          | 0.648               | 5628     | 3023        | 0.537               |
| 14  | 2322    | 3394   | 120260 | <a href="#">José Roberto Soares Scolforo</a>        |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>              | Manejo Florestal  | 38      | 24          | 0.632               | 142       | 77          | 0.542               | 5620     | 2254        | 0.401               |
| 3   | 2323    | 3395   | 120274 | <a href="#">Flavia Regina Souza Ramos</a>           |  Brazil  | <a href="#">Universidade do Estado do Amazonas UEA</a>           | <a href="#">Saúde Coletiva</a><br>Enfermagem   Bioética   Saúde coletiva  | 38      | 24          | 0.632               | 136       | 74          | 0.544               | 5612     | 2483        | 0.442               |
| 21  | 2324    | 3396   | 120290 | <a href="#">Vilma Sousa Santana</a>                 |  Brazil | <a href="#">Universidade Federal da Bahia</a>                    | <a href="#">Saúde Coletiva</a><br>Saúde Coletiva   Epidemiologia   Saúde do Trabalhador   Avaliação em Saúde   Acidentes de Trabalho                                  | 38      | 23          | 0.605               | 107       | 54          | 0.505               | 5604     | 1875        | 0.335               |
| 718   | 2325    | 3397   | 120312 | <a href="#">Paula CR</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiology   echocardiography   exercise   autonomic nervous system   heart rate                          | 38      | 16          | 0.421               | 108       | 34          | 0.315               | 5592     | 1432        | 0.256               |
| 41  | 2326    | 3398   | 120325 | <a href="#">Valder Freire</a>                       |  Brazil | <a href="#">Universidade Federal do Ceará</a>                    |   | 38      | 23          | 0.605               | 157       | 85          | 0.541               | 5584     | 2496        | 0.447               |
| 179   | 2327    | 3399   | 120338 | <a href="#">Fernanda Garanhani De Castro Surita</a> |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Medical and Health Sciences   Obstetrics   Reproductive Health                             | 38      | 31          | 0.816               | 101       | 83          | 0.822               | 5577     | 3609        | 0.647               |



















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|---|---------|--------|--------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 719   | 2328    | 3400   | 120352 | <a href="#">Sebastião De Sousa Almeida</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSãfo Paulo</a><br>Nutrição e Comportamento   | 38      | 23          | 0.605               | 120       | 62          | 0.517               | 5569     | 2069        | 0.372               |
| 28  | 2329    | 3401   | 120377 | <a href="#">Renio Dos Santos Mendes</a>             |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Physics</a><br>Complex systems   Statistical Physics   | 38      | 21          | 0.553               | 98        | 53          | 0.541               | 5555     | 1909        | 0.344               |
| 720   | 2330    | 3403   | 120426 | <a href="#">Eduardo B Ottoni</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>etologia   primatologia   psicologia evolucionista  | 38      | 27          | 0.711               | 56        | 44          | 0.786               | 5524     | 2100        | 0.380               |
| 54  | 2331    | 3404   | 120435 | <a href="#">Selene Guelli Souza</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Têxtil   Petróleo   Petroquímica   Meio ambiente   Transferência de massa                              | 38      | 27          | 0.711               | 131       | 97          | 0.740               | 5518     | 3250        | 0.589               |
| 721   | 2332    | 3406   | 120490 | <a href="#">Vanda Elisa Andres Felli</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | gerenciamento em enfermagem   saúde do trabalhador de saúde   | 38      | 29          | 0.763               | 95        | 55          | 0.579               | 5496     | 2238        | 0.407               |
| 722   | 2333    | 3407   | 120515 | <a href="#">Paulo Capel Narvai</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Department of Politics Management and Health  | 38      | 23          | 0.605               | 95        | 61          | 0.642               | 5486     | 2017        | 0.368               |
| 723   | 2334    | 3408   | 120524 | <a href="#">Antonio Cardozo Dos Santos</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacology and Toxicology</a><br>Toxicology   Pharmacology   Neurosciences  | 38      | 23          | 0.605               | 69        | 43          | 0.623               | 5482     | 1969        | 0.359               |
| 37  | 2335    | 3410   | 120550 | <a href="#">Aluizio Borém</a>                       |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Breeding   Phenomics   Biosafety   Biotechnology   Molecular Genetics                                     | 38      | 22          | 0.579               | 98        | 52          | 0.531               | 5469     | 1987        | 0.363               |
| 18  | 2336    | 3412   | 120566 | <a href="#">Eduardo Uchoa Eduardo Uchoa Barboza</a> |  Brazil  | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Operations Research   Integer Programming   | 38      | 26          | 0.684               | 71        | 53          | 0.746               | 5461     | 2833        | 0.519               |
| 13  | 2337    | 3413   | 120575 | <a href="#">Rafael Alcadipani</a>                   |  Brazil | <a href="#">Fundação Getulio Vargas FGV</a>                            | <a href="#">Business &amp; Management / Business Administration</a><br>Estudos Organizacionais   Critical Management Studies   Organizational Ethnography   Segurança Pública | 38      | 30          | 0.789               | 82        | 62          | 0.756               | 5459     | 2706        | 0.496               |
| 131   | 2338    | 3414   | 120604 | <a href="#">Maria Palmira Daflon Gremião</a>        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacotecnia   tecnologia farmacêutica   | 38      | 31          | 0.816               | 93        | 79          | 0.849               | 5446     | 3149        | 0.578               |
| 89  | 2339    | 3415   | 120608 | <a href="#">Webe Mansur</a>                         |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | Computational mechanics   Geophysics   Boundary Element Method  | 38      | 20          | 0.526               | 123       | 44          | 0.358               | 5444     | 1669        | 0.307               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 90  | 2340    | 3416   | 120624 | <a href="#">Nelson Maculan</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Natural Sciences / Mathematics</a><br>Optimization   Distance Geometry   Operations Research   | 38      | 19          | 0.500               | 116       | 46          | 0.397               | 5435     | 1912        | 0.352               |
| 43  | 2341    | 3417   | 120635 | <a href="#">Daniel R. Sosa Gomez</a>                 |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Embrapa</a><br>Entomologia   | 38      | 27          | 0.711               | 114       | 66          | 0.579               | 5427     | 2918        | 0.538               |
| 44  | 2342    | 3419   | 120702 | <a href="#">Sergio Miana De Faria</a>                |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador A University of Dundee UK</a><br>Interação microrganismos e plantas/ Fixação biológica de nitrogênio   | 38      | 22          | 0.579               | 70        | 44          | 0.629               | 5396     | 1548        | 0.287               |
| 724   | 2343    | 3420   | 120705 | <a href="#">Eduardo Guimarães Hourneaux De Moura</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">UniversidSÃO Paulo</a><br>Endoscopia   | 38      | 33          | 0.868               | 134       | 120         | 0.896               | 5393     | 4216        | 0.782               |
| 71  | 2344    | 3421   | 120730 | <a href="#">Margareth Crisóstomo Portela</a>         |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                          | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Health Services Research  | 38      | 20          | 0.526               | 105       | 53          | 0.505               | 5380     | 2077        | 0.386               |
| 725   | 2345    | 3422   | 120750 | <a href="#">Fabio Frezatti</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Business &amp; Management / Strategic Management</a><br>Management control   Management accounting   Budget   Controle gerencial   Orçamento empresarial | 38      | 25          | 0.658               | 86        | 59          | 0.686               | 5372     | 2161        | 0.402               |
| 42  | 2346    | 3424   | 120806 | <a href="#">Gil De Aquino Farias</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                  | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   Semiconductors   Plasmons and polaritons   Superconductivity   Soft Matter                  | 38      | 21          | 0.553               | 129       | 50          | 0.388               | 5338     | 1675        | 0.314               |
| 726   | 2347    | 3425   | 120860 | <a href="#">Cristiano Nogueira</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity   Conservation   Biogeography   Macroecology   Herpetology                                     | 38      | 25          | 0.658               | 56        | 46          | 0.821               | 5316     | 3024        | 0.569               |
| 180   | 2348    | 3427   | 120889 | <a href="#">Giorgio Torrieri</a>                     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Natural Sciences / Physics</a><br>Theoretical Particle/Nuclear physics   QCD   hydrodynamics   | 38      | 19          | 0.500               | 79        | 29          | 0.367               | 5302     | 1216        | 0.229               |
| 38  | 2349    | 3429   | 120905 | <a href="#">Lêda Rita Faroni</a>                     |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>             | <a href="#">SecagemArmazenagemGrÃfosUNiversida(UFV)</a><br>Engenharia de pré-processamento de produtos agrícolas   | 38      | 28          | 0.737               | 126       | 78          | 0.619               | 5290     | 2752        | 0.520               |
| 7   | 2350    | 3430   | 120917 | <a href="#">Jorge Barbosa</a>                        |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Ubiquitous Computing   Ambient Intelligence   Internet of Things   Big Data   Data Science        | 38      | 29          | 0.763               | 131       | 70          | 0.534               | 5286     | 2840        | 0.537               |
| 727   | 2351    | 3432   | 120947 | <a href="#">Vania Regina Pivello</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da conservação   ecologia  | 38      | 27          | 0.711               | 71        | 47          | 0.662               | 5271     | 2251        | 0.427               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 728   | 2352    | 3433   | 120959 | <a href="#">Vera R Leopoldo Constantino</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry   Inorganic Materials   Layered Materials   O-I Hybrid Materials  | 38      | 24          | 0.632               | 90        | 61          | 0.678               | 5265     | 2088        | 0.397               |
| 729   | 2353    | 3436   | 120996 | <a href="#">Marcos Vinicius Folegatti</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">esalg/usp</a><br>irrigação   manejo da irrigação   gestão das águas nas bacias hidrográficas   hidráulica   | 38      | 16          | 0.421               | 139       | 39          | 0.281               | 5247     | 1378        | 0.263               |
| 4   | 2354    | 3438   | 121100 | <a href="#">Raúl A. Feijóo</a>                   |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>              | <a href="#">the National Laboratory for Scientific Computing, Brazil</a><br>Computational Methods in Mechanics   Variational Formulation   Hemodynamic modeling   Plasticity   Contact problems | 38      | 23          | 0.605               | 94        | 51          | 0.543               | 5197     | 1893        | 0.364               |
| 12  | 2355    | 3439   | 121128 | <a href="#">Hugo Fuks</a>                        |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Retired</a>   | 38      | 17          | 0.447               | 106       | 21          | 0.198               | 5187     | 1047        | 0.202               |
| 730   | 2356    | 3440   | 121161 | <a href="#">LC Chamon</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear  | 38      | 20          | 0.526               | 71        | 34          | 0.479               | 5174     | 1477        | 0.285               |
| 731   | 2357    | 3441   | 121169 | <a href="#">Walter J Maciel</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Astrophysics  | 38      | 14          | 0.368               | 93        | 24          | 0.258               | 5170     | 702         | 0.136               |
| 55  | 2358    | 3442   | 121211 | <a href="#">Jamil Assreuy</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia  | 38      | 21          | 0.553               | 81        | 48          | 0.593               | 5153     | 1336        | 0.259               |
| 11  | 2359    | 3443   | 121224 | <a href="#">Graçaliz Dimuro</a>                  |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                    |   | 38      | 30          | 0.789               | 114       | 59          | 0.518               | 5142     | 3044        | 0.592               |
| 29  | 2360    | 3444   | 121240 | <a href="#">Ricardo Viana</a>                    |  Brazil | <a href="#">Universidade Federal do Paraná</a>                             | <a href="#">Natural Sciences / Physics</a><br>Plasma Physics   Nonlinear Dynamics   | 38      | 21          | 0.553               | 146       | 66          | 0.452               | 5135     | 2003        | 0.390               |
| 732   | 2361    | 3445   | 121256 | <a href="#">Michel Michaelovitch De Mahiques</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia  | 38      | 26          | 0.684               | 117       | 80          | 0.684               | 5128     | 2580        | 0.503               |
| 107   | 2362    | 3446   | 121291 | <a href="#">Rosa Maria Martins De Almeida</a>    |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Medical and Health Sciences / Neuroscience</a><br>behavioral neuroscience   neuropsychology   experimental psychology   translational research                                      | 38      | 25          | 0.658               | 81        | 62          | 0.765               | 5110     | 2141        | 0.419               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 112   | 2363    | 3447   | 121297 | <a href="#">Helio Anderson Duarte</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>theoretical chemistry   computational chemistry   | 38      | 24          | 0.632               | 102       | 62          | 0.608               | 5104     | 2042        | 0.400               |
| 733   | 2364    | 3448   | 121313 | <a href="#">Gil Benard</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MedicinP</a>  | 38      | 24          | 0.632               | 107       | 63          | 0.589               | 5096     | 2202        | 0.432               |
| 108   | 2365    | 3450   | 121355 | <a href="#">Thales Renato Ochotorena De Freitas</a>     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Ecology Phylogeography Cyto genetics Conservation Genetics                   | 38      | 24          | 0.632               | 122       | 80          | 0.656               | 5078     | 2323        | 0.457               |
| 734   | 2366    | 3451   | 121395 | <a href="#">José Alfredo Gomes Arêas</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Alimentos e Saúde   Processamento de Alimentos e Saúde                               | 38      | 24          | 0.632               | 97        | 58          | 0.598               | 5058     | 2126        | 0.420               |
| 56  | 2367    | 3452   | 121456 | <a href="#">Paulo C Simões Lopes</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Comportamental   Ecologia Populacional   Anatomia Comparada   Zoologia   Mamíferos Marinhos | 38      | 26          | 0.684               | 108       | 75          | 0.694               | 5031     | 2164        | 0.430               |
| 735   | 2368    | 3453   | 121462 | <a href="#">Zhang Shaojun</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>AdS/CFT   black hole   gravity  | 38      | 32          | 0.842               | 81        | 69          | 0.852               | 5029     | 3363        | 0.669               |
| 736   | 2369    | 3455   | 121489 | <a href="#">Emer S Ferro</a>                            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Sao PauloSPBrazil</a><br>Intracellular peptides   proteasome   drug discovery   | 38      | 22          | 0.579               | 85        | 48          | 0.565               | 5017     | 1544        | 0.308               |
| 72  | 2370    | 3456   | 121496 | <a href="#">Paula Mendes Luz</a>                        |  Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Public Health  | 38      | 28          | 0.737               | 102       | 86          | 0.843               | 5013     | 3092        | 0.617               |
| 40  | 2371    | 3458   | 121505 | <a href="#">Deisy Das Graças De Souza</a>               |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Social Sciences / Psychology</a><br>experimental psychology   experimental analysis of behavior   relational learning   symbolic function         | 38      | 21          | 0.553               | 90        | 47          | 0.522               | 5007     | 1470        | 0.294               |
| 737   | 2372    | 3459   | 121562 | <a href="#">Marco Akerman</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">SaúPúblicP</a><br>equity and social determinants   intersectoral action   | 38      | 23          | 0.605               | 80        | 47          | 0.588               | 4984     | 2251        | 0.452               |
| 2   | 2373    | 3460   | 121568 | <a href="#">Belmiro Cavalcanti Do Egito Vasconcelos</a> |  Brazil | <a href="#">Universidade de Pernambuco</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cirurgia buco maxilo facial  | 38      | 26          | 0.684               | 126       | 72          | 0.571               | 4981     | 2516        | 0.505               |
| 1   | 2374    | 3461   | 121571 | <a href="#">Maria Ligia Rodrigues Macedo</a>            |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>      | <a href="#">UNIVERSIDADEMATOGROSSODOSUL</a><br>MICROBIOLOGY   PEPTIDES   BIOFILM   PROTEIN   INSECTS  | 38      | 23          | 0.605               | 104       | 72          | 0.692               | 4980     | 1965        | 0.395               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 45  | 2375    | 3462   | 121591 | <a href="#">Elibio Rech</a>                                       |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetic designer and engineer   Synthetic biology  | 38      | 19          | 0.500               | 84        | 33          | 0.393               | 4970     | 1182        | 0.238               |
| 41  | 2376    | 3465   | 121640 | <a href="#">Ester Silva</a>                                       |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>            | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Physical therapy   Cardiac rehabilitation   Exercise   | 38      | 22          | 0.579               | 108       | 50          | 0.463               | 4941     | 1791        | 0.362               |
| 6   | 2377    | 3466   | 121657 | <a href="#">Manuel Anibal Silva Portugal Vasconcelos Ferreira</a> |  Brazil   | <a href="#">Universidade Nove de Julho</a>                    | <a href="#">Business &amp; Management / Strategic Management</a><br>Estratégia   intercultural   negócios internacionais   clusters e empreendedorismo   estratégia internacional | 38      | 24          | 0.632               | 118       | 66          | 0.559               | 4934     | 2331        | 0.472               |
| 24  | 2378    | 3468   | 121670 | <a href="#">Joel Creed</a>  |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Biology and Ecology  | 38      | 31          | 0.816               | 86        | 70          | 0.814               | 4928     | 2918        | 0.592               |
| 1   | 2379    | 3469   | 121682 | <a href="#">Mariana Helena Chaves</a>                             |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química dos Produtos Naturais   | 38      | 24          | 0.632               | 87        | 67          | 0.770               | 4923     | 2112        | 0.429               |
| 181   | 2380    | 3472   | 121712 | <a href="#">Marcelo Brocchi</a>                                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Genética de Micro-organismos  | 38      | 22          | 0.579               | 70        | 47          | 0.671               | 4910     | 2225        | 0.453               |
| 738   | 2381    | 3473   | 121721 | <a href="#">Helio Elkis</a>                                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Schizophrenia   | 38      | 23          | 0.605               | 79        | 42          | 0.532               | 4905     | 2152        | 0.439               |
| 7   | 2382    | 3474   | 121740 | <a href="#">Kristianne Porta Santos Fernandes</a>                 |  Brazil  | <a href="#">Universidade Nove de Julho</a>                    | <a href="#">NoveJulho</a><br>Photobiomodulation   lasertherapy   LLLT   | 38      | 27          | 0.711               | 137       | 111         | 0.810               | 4896     | 2946        | 0.602               |
| 56  | 2383    | 3475   | 121765 | <a href="#">Marair Gracio Ferreira Sartori</a>                    |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Ginecologia  | 38      | 21          | 0.553               | 110       | 55          | 0.500               | 4883     | 1737        | 0.356               |
| 739   | 2384    | 3476   | 121768 | <a href="#">Marcio Fernando De Moraes Grisi</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a>   | 38      | 22          | 0.579               | 76        | 48          | 0.632               | 4881     | 1459        | 0.299               |
| 1   | 2385    | 3477   | 121801 | <a href="#">Marcos Tadeu Tavares Pacheco</a>                      |  Brazil | <a href="#">Universidade Anhembi Morumbi</a>                  | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Biomédica   Espectroscopia Raman   Biopsia Óptica   fibras ópticas   neurociência.                       | 38      | 22          | 0.579               | 92        | 47          | 0.511               | 4860     | 1639        | 0.337               |
| 182   | 2386    | 3479   | 121875 | <a href="#">Maria Helena Baena De Moraes Lopes</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">DCampinas</a><br>Saúde da Mulher   Incontinência urinária e fecal   Diagnóstico de Enfermagem   Informática em Saúde  | 38      | 23          | 0.605               | 98        | 58          | 0.592               | 4827     | 1850        | 0.383               |








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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 183   | 2387    | 3480   | 121909 | <a href="#">Luis Roberto Marcondes Martins</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>dentística   materiais odontológicos  | 38      | 23          | 0.605               | 70        | 50          | 0.714               | 4812     | 1949        | 0.405               |
| 1   | 2388    | 3481   | 121914 | <a href="#">Wanderley Rodrigues Bastos</a>     |  Brazil   | <a href="#">Universidade Federal de Rondônia</a>                        | <a href="#">Rondônia</a><br>Biogeoquímica   Ecotoxicologia   | 38      | 23          | 0.605               | 84        | 60          | 0.714               | 4809     | 1936        | 0.403               |
| 8   | 2389    | 3483   | 121945 | <a href="#">Jan Schripsema</a>                 |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | Metabolomics   Phytochemistry  | 38      | 19          | 0.500               | 93        | 32          | 0.344               | 4794     | 1151        | 0.240               |
| 30  | 2390    | 3485   | 121997 | <a href="#">Paulo Ademar Avelar Ferreira</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">Ciência do Solo</a><br>Ciência do Solo   | 38      | 25          | 0.658               | 105       | 77          | 0.733               | 4766     | 2167        | 0.455               |
| 132   | 2391    | 3486   | 122019 | <a href="#">Odair Correa Bueno</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>General Mymecology  | 38      | 19          | 0.500               | 126       | 47          | 0.373               | 4758     | 1558        | 0.327               |
| 740   | 2392    | 3487   | 122044 | <a href="#">Jose Maria Alvarez</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   | 38      | 20          | 0.526               | 105       | 56          | 0.533               | 4747     | 1745        | 0.368               |
| 741   | 2393    | 3488   | 122049 | <a href="#">Lucila Lk Elias</a>                |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Ribeirao Preto Medical</a><br>Neuroendocrinology   | 38      | 18          | 0.474               | 115       | 49          | 0.426               | 4744     | 1487        | 0.313               |
| 133   | 2394    | 3489   | 122094 | <a href="#">Fernando Rogério Pavan</a>         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Tuberculose  | 38      | 28          | 0.737               | 127       | 111         | 0.874               | 4723     | 3001        | 0.635               |
| 742   | 2395    | 3490   | 122121 | <a href="#">Hélio Rubens Machado</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">MediciRibeirão Preto</a><br>medicina   cirurgia   neurocirurgia  | 38      | 18          | 0.474               | 102       | 52          | 0.510               | 4713     | 1640        | 0.348               |
| 743   | 2396    | 3491   | 122145 | <a href="#">Fabiana Cardoso Pereira Valera</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>otorrinolaringologia   medicina do sono   rinologia   otorrinolaringologia pediátrica | 38      | 24          | 0.632               | 94        | 73          | 0.777               | 4704     | 2354        | 0.500               |
| 744   | 2397    | 3492   | 122146 | <a href="#">William Festuccia</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Regulation of metabolism by nutrient sensors                                      | 38      | 30          | 0.789               | 72        | 62          | 0.861               | 4704     | 2237        | 0.476               |














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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 134   | 2398    | 3493   | 122148 | <a href="#">Wirley Gonçalves Assunção</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Reabilitação Oral   Prótese Dentária   Implantodontia   | 38      | 28          | 0.737               | 91        | 62          | 0.681               | 4702     | 2157        | 0.459               |
| 3   | 2399    | 3495   | 122174 | <a href="#">Murilo Daniel De Mello Innocentini</a> |  Brazil   | <a href="#">Universidade de Ribeirão Preto UNAERP</a>                  | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Air pollution   ceramic filters   permeation through porous media   chemical process control   waste minimization and treatment | 38      | 22          | 0.579               | 85        | 52          | 0.612               | 4691     | 1533        | 0.327               |
| 42  | 2400    | 3496   | 122195 | <a href="#">José Augusto Marcondes Agnelli</a>     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   Polímeros  | 38      | 22          | 0.579               | 79        | 56          | 0.709               | 4681     | 1699        | 0.363               |
| 57  | 2401    | 3497   | 122196 | <a href="#">Carobrez Ap</a>                        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neurobiology of fear and anxiety   | 38      | 19          | 0.500               | 60        | 32          | 0.533               | 4681     | 1318        | 0.282               |
| 7   | 2402    | 3500   | 122240 | <a href="#">Alexandre Malta Rossi</a>              |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Centro Brasileiro de Pesquisas Físicas</a><br>biomateriais   | 38      | 23          | 0.605               | 95        | 57          | 0.600               | 4663     | 1743        | 0.374               |
| 39  | 2403    | 3503   | 122277 | <a href="#">Las Dias</a>                           |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agroenergy   Biometry   Plant Breeding   | 38      | 16          | 0.421               | 123       | 54          | 0.439               | 4644     | 1370        | 0.295               |
| 109   | 2404    | 3504   | 122289 | <a href="#">Maria Isabel Edelweiss</a>             |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Pathology</a><br>pathology   nephrology   breast   gynecology cytopathology  | 38      | 20          | 0.526               | 90        | 43          | 0.478               | 4636     | 1531        | 0.330               |
| 25  | 2405    | 3505   | 122305 | <a href="#">Webster Mohriak</a>                    |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   Geofísica  | 38      | 22          | 0.579               | 73        | 45          | 0.616               | 4632     | 1842        | 0.398               |
| 4   | 2406    | 3507   | 122345 | <a href="#">Artur Da Silva Gouveia Neto</a>        |  Brazil | <a href="#">Universidade Federal de Alagoas</a>                        | <a href="#">Natural Sciences / Physics</a>   | 38      | 18          | 0.474               | 103       | 45          | 0.437               | 4615     | 1125        | 0.244               |
| 184   | 2407    | 3508   | 122366 | <a href="#">Konradin Metze</a>                     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">PostCourseinPathophysiologyFCMâ€¦</a><br>digital pathology   texture analysis   prognostic models  | 38      | 15          | 0.395               | 112       | 39          | 0.348               | 4604     | 1062        | 0.231               |
| 745   | 2408    | 3509   | 122384 | <a href="#">Claudio Leone</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">SaúMaternoInfantilâ€¦</a><br>Crescimento e Desenvolvimento da Criança e do Adolescente   Saúde da Criança   Estado Nutricional da Criança. Desenvolvimento                                 | 38      | 24          | 0.632               | 83        | 46          | 0.554               | 4595     | 1839        | 0.400               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 57  | 2409    | 3510   | 122388 | <a href="#">Beatriz E Cabilio Guth</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Profa. Associada em Microbiologia e Imunologia</a><br>Escherichia coli produtora de Toxina Shiga   Epidemiologia   Patogenicidade   Diversidade genética | 38      | 17          | 0.447               | 92        | 38          | 0.413               | 4593     | 1309        | 0.285               |
| 135   | 2410    | 3512   | 122396 | <a href="#">Valdir Gouveia Garcia</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>PERIODONTIA   | 38      | 27          | 0.711               | 84        | 72          | 0.857               | 4591     | 1990        | 0.433               |
| 3   | 2411    | 3514   | 122404 | <a href="#">Raimunda Magalhães Da Silva</a>        |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>                       | <a href="#">Saúde Coletiva</a><br>saúde da mulher   promoção da saúde   saúde coletiva   | 38      | 25          | 0.658               | 121       | 62          | 0.512               | 4587     | 1960        | 0.427               |
| 33  | 2412    | 3516   | 122420 | <a href="#">Emerson Monteiro Vieira</a>            |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Mastozoologia   Zoologia   Biologia da conservação   | 38      | 23          | 0.605               | 85        | 60          | 0.706               | 4580     | 1887        | 0.412               |
| 5   | 2413    | 3517   | 122445 | <a href="#">Alessandra Lamas Granero Lucchetti</a> |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>              | Saúde Coletiva   Geriatria   Gerontologia   Saúde e Espiritualidade   Educação Médica  | 38      | 33          | 0.868               | 82        | 75          | 0.915               | 4568     | 3283        | 0.719               |
| 58  | 2414    | 3518   | 122447 | <a href="#">Thereza De Lima</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Neurofarmacologia   Farmacologia   Plantas Medicinais   Produtos Naturais              | 38      | 21          | 0.553               | 90        | 45          | 0.500               | 4567     | 1382        | 0.303               |
| 185   | 2415    | 3519   | 122462 | <a href="#">Clarissa Lin Yasuda</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurology   | 38      | 27          | 0.711               | 99        | 77          | 0.778               | 4558     | 3118        | 0.684               |
| 5   | 2416    | 3520   | 122472 | <a href="#">Bernardo Barbosa Da Silva</a>          |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>                 | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Remote sensing   Agricultural Meteorology                                   | 38      | 22          | 0.579               | 104       | 67          | 0.644               | 4554     | 1998        | 0.439               |
| 43  | 2417    | 3521   | 122473 | <a href="#">Nerilso Bocchi</a>                     |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química   Eletroquímica   Baterias secundárias  | 38      | 23          | 0.605               | 83        | 46          | 0.554               | 4554     | 1546        | 0.339               |
| 113   | 2418    | 3522   | 122487 | <a href="#">Aline Miranda</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Morfologia UFMG</a><br>Neuroimunologia experimental e clínica   Comportamento   Cognição.  | 38      | 29          | 0.763               | 87        | 79          | 0.908               | 4550     | 2965        | 0.652               |
| 114   | 2419    | 3524   | 122491 | <a href="#">Glaura G Silva</a>                     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Ciência de Materiais   Nanotecnologia                                    | 38      | 26          | 0.684               | 109       | 66          | 0.606               | 4549     | 2244        | 0.493               |


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| 746   | 2420    | 3525   | 122528 | <a href="#">Rosa Maria Godoy Serpa Da Fonseca</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">em</a><br>saúde coletiva   enfermagem   gênero   violência   feminismo   | 38      | 21          | 0.553               | 112       | 61          | 0.545               | 4530     | 1675        | 0.370               |
| 136   | 2421    | 3526   | 122534 | <a href="#">Marcelo Andreotti</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Ia/CampusIlhSolteirSP</a><br>Fertilidade do Solo   Nutrição e Aducação   | 38      | 22          | 0.579               | 113       | 62          | 0.549               | 4528     | 2016        | 0.445               |
| 29  | 2422    | 3528   | 122569 | <a href="#">Alice Murakami</a>                    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição de Aves  | 38      | 25          | 0.658               | 105       | 45          | 0.429               | 4507     | 1797        | 0.399               |
| 747   | 2423    | 3529   | 122596 | <a href="#">Silmara Aparecida Milori Corona</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Laser em Dentística   Avaliação in situ e in vivo de materiais e técnicas usadas em odontologia   Materiais   Soluções   técn | 38      | 20          | 0.526               | 102       | 51          | 0.500               | 4490     | 1553        | 0.346               |
| 748   | 2424    | 3530   | 122621 | <a href="#">João E Steiner</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Astronomia   | 38      | 18          | 0.474               | 90        | 34          | 0.378               | 4481     | 1024        | 0.229               |
| 73  | 2425    | 3531   | 122681 | <a href="#">Lain Pontes-De-Carvalho</a>           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   | 38      | 21          | 0.553               | 82        | 47          | 0.573               | 4444     | 1358        | 0.306               |
| 5   | 2426    | 3532   | 122690 | <a href="#">Maria Terezinha Bahia</a>             |  Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Chagas disease   Chemotherapy   Immunology.   | 38      | 23          | 0.605               | 89        | 64          | 0.719               | 4439     | 1778        | 0.401               |
| 186   | 2427    | 3533   | 122715 | <a href="#">Marcelo Ferraz Mesquita</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Prótese Dental   Prótese sobre Implantes   Materiais Resilientes   Soldagem                                     | 38      | 26          | 0.684               | 111       | 70          | 0.631               | 4425     | 2069        | 0.468               |
| 43  | 2428    | 3535   | 122732 | <a href="#">Arlindo Moura</a>                     |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da reprodução   proteômica   plasma seminal   fertilidade   câncer   | 38      | 29          | 0.763               | 102       | 75          | 0.735               | 4420     | 2480        | 0.561               |
| 44  | 2429    | 3537   | 122769 | <a href="#">Jose Mansur Assaf</a>                 |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>catálise heterogênea   biocombustíveis   energia   hidrogênio   engenharia química   | 38      | 27          | 0.711               | 75        | 63          | 0.840               | 4393     | 1909        | 0.435               |
| 91  | 2430    | 3538   | 122786 | <a href="#">Clarisa Beatriz Palatnik De Sousa</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">InsitutoMicrobiologiPauloGõesRioJaneiro</a>  | 38      | 19          | 0.500               | 61        | 43          | 0.705               | 4377     | 1057        | 0.241               |
| 30  | 2431    | 3540   | 122804 | <a href="#">Marcio R Pie</a>                      |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary macroecology   molecular phylogenetics   evolutionary biology.   | 38      | 25          | 0.658               | 104       | 71          | 0.683               | 4370     | 2331        | 0.533               |
| 14  | 2432    | 3541   | 122807 | <a href="#">Regina Maria Bringel Martins</a>      |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Virology</a><br>Microbiology   | 38      | 16          | 0.421               | 115       | 42          | 0.365               | 4366     | 1139        | 0.261               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 749   | 2433    | 3542   | 122811 | <a href="#">Rafael Francisco Lia Mondelli</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Clareamento Dental  | 38      | 23          | 0.605               | 93        | 60          | 0.645               | 4365     | 2059        | 0.472               |
| 750   | 2434    | 3543   | 122832 | <a href="#">Ricardo Faria Ribeiro</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prosthodontics   Dental Implants   Dental Materials   | 38      | 23          | 0.605               | 98        | 62          | 0.633               | 4351     | 1990        | 0.457               |
| 751   | 2435    | 3545   | 122857 | <a href="#">Lucile M Floeter Winter</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology of Trypanosomatids  | 38      | 26          | 0.684               | 72        | 50          | 0.694               | 4337     | 2241        | 0.517               |
| 752   | 2436    | 3548   | 122909 | <a href="#">Hamilton Varela</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>physical-chemistry   electrochemistry   nonlinear dynamics   complex systems                   | 38      | 23          | 0.605               | 108       | 62          | 0.574               | 4304     | 1861        | 0.432               |
| 45  | 2437    | 3549   | 122963 | <a href="#">Jose Maria Correa Bueno</a>       |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>heterogeneous catalysis  | 38      | 23          | 0.605               | 66        | 54          | 0.818               | 4273     | 1777        | 0.416               |
| 2   | 2438    | 3550   | 122973 | <a href="#">Katia Jorge Ciuffi</a>            |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemistry   inorganic chemistry   catalysis   química  | 38      | 19          | 0.500               | 128       | 59          | 0.461               | 4270     | 1622        | 0.380               |
| 12  | 2439    | 3552   | 123048 | <a href="#">Edison Luiz Devos Barlem</a>      |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">EnfermagemEnfermagemFURG</a><br>Enfermagem   ética   poder   educação em enfermagem   sofrimento moral                                     | 38      | 29          | 0.763               | 113       | 94          | 0.832               | 4221     | 2904        | 0.688               |
| 137   | 2440    | 3553   | 123065 | <a href="#">Lara Durães Sette</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Biotecnologia microbiana marinha e Antártica   Biodiversidade   Biobancos   Extremófilos | 38      | 28          | 0.737               | 86        | 77          | 0.895               | 4210     | 2492        | 0.592               |
| 16  | 2441    | 3554   | 123108 | <a href="#">Knut Bakke</a>                    |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   |  | 38      | 28          | 0.737               | 107       | 85          | 0.794               | 4183     | 2640        | 0.631               |
| 110   | 2442    | 3556   | 123121 | <a href="#">Rita De Cássia Silveira</a>       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Neonatology</a><br>neonatologia  | 38      | 25          | 0.658               | 88        | 61          | 0.693               | 4178     | 2202        | 0.527               |
| 59  | 2443    | 3557   | 123149 | <a href="#">Hugo Gallardo</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química orgânica   Cristais Líquidos   | 38      | 20          | 0.526               | 108       | 61          | 0.565               | 4151     | 1387        | 0.334               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 187   | 2444    | 3558   | 123186 | <a href="#">Marise A Rodrigues Pollonio</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a>  | 38      | 35          | 0.921               | 80        | 71          | 0.888               | 4124     | 3003        | 0.728               |
| 753   | 2445    | 3559   | 123195 | <a href="#">Eduardo Purgatto</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a>  | 38      | 27          | 0.711               | 87        | 70          | 0.805               | 4115     | 2429        | 0.590               |
| 111   | 2446    | 3560   | 123204 | <a href="#">Dirce Pozebon</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Elementos Traço   Especificação Química   Técnicas de Plasma                                 | 38      | 20          | 0.526               | 85        | 42          | 0.494               | 4109     | 1409        | 0.343               |
| 188   | 2447    | 3562   | 123231 | <a href="#">Hernandes F Carvalho</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia celular   matriz extracelular   biologia da reprodução   epigenética | 38      | 20          | 0.526               | 91        | 58          | 0.637               | 4081     | 1782        | 0.437               |
| 754   | 2448    | 3563   | 123247 | <a href="#">Ana Campa</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   fisiopatologia   inflamação   câncer   obesidade                          | 38      | 19          | 0.500               | 72        | 38          | 0.528               | 4069     | 1060        | 0.261               |
| 15  | 2449    | 3564   | 123251 | <a href="#">Ana Elisa Bauer De Camargo Silva</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">emUniversidGoiás</a><br>Gestão em saúde   Qualidade em saúde   Segurança do Paciente   Erros de medicação   Análise de Risco             | 38      | 24          | 0.632               | 75        | 65          | 0.867               | 4063     | 2022        | 0.498               |
| 46  | 2450    | 3565   | 123271 | <a href="#">Bruno C Janegitz</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">SÁfoCarlos</a><br>Eletroanalítica   Química Analítica   Electrochemical sensors   Sensors  | 38      | 34          | 0.895               | 90        | 80          | 0.889               | 4049     | 2989        | 0.738               |
| 31  | 2451    | 3568   | 123322 | <a href="#">Nilton Cáceres</a>                   |  Brazil  | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Natural Sciences / Biological Science</a><br>Mammal ecology   biogeography and evolution   | 38      | 24          | 0.632               | 95        | 63          | 0.663               | 4000     | 2003        | 0.501               |
| 44  | 2452    | 3569   | 123335 | <a href="#">Carlos Henrique Alencar</a>          |  Brazil | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Bioestatística   Entomologia                         | 38      | 29          | 0.763               | 82        | 71          | 0.866               | 3986     | 2655        | 0.666               |
| 4   | 2453    | 3570   | 123347 | <a href="#">Luciano Dias De Mattos Souza</a>     |  Brazil | <a href="#">Universidade Católica de Pelotas</a>                | <a href="#">UniversidCatólica Pelotas</a><br>Saúde Mental  | 38      | 28          | 0.737               | 74        | 67          | 0.905               | 3969     | 2145        | 0.540               |
| 112   | 2454    | 3572   | 123360 | <a href="#">Valquiria Linck Bassani</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Ciclodextrinas   Tecnologia de Fitoterápicos   Spray drying                            | 38      | 22          | 0.579               | 95        | 60          | 0.632               | 3950     | 1614        | 0.409               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 138   | 2455    | 3576   | 123370 | <a href="#">Alessandra Bolsoni Silva</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">interações sociais...</a>  | 38      | 24          | 0.632               | 93        | 70          | 0.753               | 3941     | 1967        | 0.499               |
| 115   | 2456    | 3577   | 123383 | <a href="#">Virginia Lemos</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Farmacologia  | 38      | 22          | 0.579               | 90        | 51          | 0.567               | 3923     | 1647        | 0.420               |
| 2   | 2457    | 3578   | 123387 | <a href="#">Adriano Lima Silva</a>                |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Medical and Health Sciences / Sport Science</a><br>sport science   | 38      | 28          | 0.737               | 89        | 71          | 0.798               | 3919     | 2473        | 0.631               |
| 32  | 2458    | 3580   | 123413 | <a href="#">Paulo Cezar Bastianello Campagnol</a> |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Tecnologia de Alimentos   | 38      | 35          | 0.921               | 76        | 72          | 0.947               | 3883     | 3248        | 0.836               |
| 16  | 2459    | 3581   | 123441 | <a href="#">Gustavo Duarte Pimentel</a>           |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Physiology   Sports   | 38      | 25          | 0.658               | 76        | 63          | 0.829               | 3824     | 2299        | 0.601               |
| 755   | 2460    | 3582   | 123446 | <a href="#">Alberto F Ribeiro</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology  | 38      | 17          | 0.447               | 74        | 40          | 0.541               | 3818     | 942         | 0.247               |
| 139   | 2461    | 3583   | 123451 | <a href="#">Maria Sotomayor</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   sensors   MIP   | 38      | 26          | 0.684               | 81        | 57          | 0.704               | 3808     | 2025        | 0.532               |
| 5   | 2462    | 3586   | 123459 | <a href="#">Josué De Moraes</a>                   |  Brazil | <a href="#">Universidade Guarulhos UNG</a>                             | <a href="#">Natural Sciences / Biological Science</a><br>Parasitologia   Helminologia   Doenças Negligenciadas   Doenças Infecciosas   Biotecnologia | 38      | 32          | 0.842               | 89        | 80          | 0.899               | 3794     | 2734        | 0.721               |
| 140   | 2463    | 3587   | 123471 | <a href="#">Maria Terezinha Peraçoli</a>          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology   | 38      | 22          | 0.579               | 77        | 35          | 0.455               | 3771     | 1454        | 0.386               |
| 31  | 2464    | 3589   | 123489 | <a href="#">Marcio Fernando Bergamini</a>         |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletranalítica   sensores eletroquímicos   eletrodos quimicamente modificados (EQM)          | 38      | 31          | 0.816               | 82        | 70          | 0.854               | 3743     | 2437        | 0.651               |
| 756   | 2465    | 3594   | 123576 | <a href="#">Marli De Fátima Fiore</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>cianobactéria   biodiversidade   cianotoxinas   genomas   sistemática  | 38      | 29          | 0.763               | 70        | 62          | 0.886               | 3482     | 2134        | 0.613               |
















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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 116   | 2466    | 3596   | 123645 | <a href="#">Berthier Ribeiro Neto</a>        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">CSUFMGGoogleInc</a><br>Information retrieval  | 37      | 13          | 0.351               | 67        | 19          | 0.284               | 26535    | 3287        | 0.124               |
| 757   | 2467    | 3598   | 123759 | <a href="#">Giuseppe Palmisano</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | proteomics  | 37      | 28          | 0.757               | 73        | 70          | 0.959               | 15828    | 8466        | 0.535               |
| 758   | 2468    | 3600   | 123778 | <a href="#">Nelson Carlin</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Nuclear Physics   Instrumentation   | 37      | 33          | 0.892               | 50        | 37          | 0.740               | 14999    | 5649        | 0.377               |
| 759   | 2469    | 3601   | 123940 | <a href="#">Kabengele Munanga</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Social Sciences / Anthropology</a><br>Antropologia Social   Antropologia das Populações Afro-Brasileiras   Diversidade cultural   Diversidade étnica   África | 37      | 28          | 0.757               | 68        | 44          | 0.647               | 11617    | 5743        | 0.494               |
| 46  | 2470    | 3603   | 124021 | <a href="#">Bruno Machado Teles Walter</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Pesquisador</a><br>flora   cerrado  | 37      | 23          | 0.622               | 56        | 39          | 0.696               | 10673    | 3785        | 0.355               |
| 92  | 2471    | 3604   | 124084 | <a href="#">Mauricio Aredes</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">RioJaneiro</a><br>Eletrônica de Potência  | 37      | 20          | 0.541               | 90        | 41          | 0.456               | 10124    | 2722        | 0.269               |
| 17  | 2472    | 3607   | 124115 | <a href="#">Joao Ferreira De Oliveira</a>    |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>           | <a href="#">Social Sciences / Political Science</a><br>Educação Superior   Políticas Educacionais   Gestão da Educação   Educação Básica                                  | 37      | 24          | 0.649               | 117       | 66          | 0.564               | 9872     | 4208        | 0.426               |
| 47  | 2473    | 3610   | 124174 | <a href="#">Wenceslau Geraldes Teixeira</a>  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Embrapa Solos / Universidade Estadual do Rio de Janeiro</a><br>water soil fluxes   Anthrosols   Oil palm (Elaeis guineensis)   biochar   Available Water      | 37      | 27          | 0.730               | 80        | 59          | 0.738               | 9513     | 5406        | 0.568               |
| 18  | 2474    | 3615   | 124420 | <a href="#">Maristela Pereira</a>            |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia molecular   Bioquímica   Microbiologia  | 37      | 18          | 0.486               | 102       | 55          | 0.539               | 8499     | 2778        | 0.327               |
| 58  | 2475    | 3617   | 124468 | <a href="#">Elisa Esposito</a>               |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">ICTUNIFESP</a><br>Biorremediation   Biotechnology of microorganisms   phytoremediation   heavy metal   bacteria   | 37      | 24          | 0.649               | 77        | 57          | 0.740               | 8377     | 3541        | 0.423               |
| 12  | 2476    | 3619   | 124587 | <a href="#">Artur Luiz Da Costa Da Silva</a> |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   genômica   micro-organismos   | 37      | 27          | 0.730               | 189       | 97          | 0.513               | 8080     | 4046        | 0.501               |
| 760   | 2477    | 3621   | 124650 | <a href="#">Maria Auxiliadora Martins</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">TerapiIntensivHospitaldasClínicas&amp;#226</a> !<br>Terapia Intensiva   | 37      | 31          | 0.838               | 120       | 78          | 0.650               | 7903     | 5317        | 0.673               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 141   | 2478    | 3622   | 124651 | <a href="#">Jean Leandro Dos Santos</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química Farmacêutica e Medicinal   Assistência e Atenção Farmacêutica | 37      | 27          | 0.730               | 125       | 73          | 0.584               | 7900     | 4417        | 0.559               |
| 113   | 2479    | 3623   | 124676 | <a href="#">Henrique Mello Rodrigues De Freitas</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Business &amp; Management / Strategic Management</a><br>Management information systems   Decision support systems                                 | 37      | 20          | 0.541               | 112       | 42          | 0.375               | 7813     | 2649        | 0.339               |
| 45  | 2480    | 3624   | 124754 | <a href="#">Maria Goretti Silva</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | Natural Products   Medicinal Chemistry  | 37      | 24          | 0.649               | 120       | 61          | 0.508               | 7643     | 4011        | 0.525               |
| 761   | 2481    | 3629   | 124841 | <a href="#">Silvana Bordin</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>endocrinologia   fisiologia geral   biologia molecular  | 37      | 22          | 0.595               | 72        | 43          | 0.597               | 7488     | 2385        | 0.319               |
| 762   | 2482    | 3631   | 124865 | <a href="#">Maria Angelica Miglino</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃOfo Paulo</a>  | 37      | 22          | 0.595               | 213       | 83          | 0.390               | 7433     | 2992        | 0.403               |
| 59  | 2483    | 3632   | 124867 | <a href="#">Luiz Carlos De Oliveira Cecilio</a>     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Political Science</a><br>política de saúde   teoria da organização   gestão em saúde  | 37      | 24          | 0.649               | 78        | 41          | 0.526               | 7430     | 2083        | 0.280               |
| 763   | 2484    | 3637   | 124983 | <a href="#">Mancini Filho J</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |   | 37      | 20          | 0.541               | 84        | 43          | 0.512               | 7242     | 2626        | 0.363               |
| 764   | 2485    | 3639   | 125006 | <a href="#">Francisco Cesar Carnevale</a>           |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiologia Intervencionista  | 37      | 28          | 0.757               | 66        | 51          | 0.773               | 7206     | 2396        | 0.333               |
| 189   | 2486    | 3640   | 125009 | <a href="#">Marcelo A Mori</a>                      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Adipose Tissue - Aging - Diabetes - microRNA - Dicer  | 37      | 28          | 0.757               | 67        | 57          | 0.851               | 7197     | 4653        | 0.647               |
| 765   | 2487    | 3641   | 125044 | <a href="#">Claudia Regina Furquim De Andrade</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">da Medicina da UniversidSÃOfo Paulo</a><br>Fonoaudiologia   Fala   Fluência da Fala   Motricidade Orofacial                                       | 37      | 24          | 0.649               | 179       | 81          | 0.453               | 7159     | 2865        | 0.400               |
| 190   | 2488    | 3644   | 125082 | <a href="#">Michel Daoud Yacoub</a>                 |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>wireless communications   fading                                    | 37      | 20          | 0.541               | 107       | 54          | 0.505               | 7098     | 2365        | 0.333               |
| 19  | 2489    | 3646   | 125089 | <a href="#">Joao Luis Garcia</a>                    |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Epidemiologia   | 37      | 27          | 0.730               | 178       | 95          | 0.534               | 7090     | 3171        | 0.447               |





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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 191   | 2490    | 3647   | 125101 | <a href="#">Melissa Gurgel Adeodato Vieira</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química  | 37      | 34          | 0.919               | 129       | 115         | 0.891               | 7075     | 5408        | 0.764               |
| 142   | 2491    | 3650   | 125192 | <a href="#">Suraya Cristina Darido</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Education / Education</a><br>Educação Física escolar   Temas Transversais   Livros didáticos   prática pedagógica   pedagogia do esporte   | 37      | 26          | 0.703               | 95        | 67          | 0.705               | 6966     | 3105        | 0.446               |
| 766   | 2492    | 3651   | 125234 | <a href="#">José Djair Vendramim</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Resistência de Plantas a Insetos   Plantas Inseticidas   | 37      | 15          | 0.405               | 93        | 26          | 0.280               | 6898     | 1455        | 0.211               |
| 143   | 2493    | 3652   | 125237 | <a href="#">Maria De Lourdes Da Silva Marques Ferreira</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medicinã€</a><br>Saúde da mulher e educação  | 37      | 28          | 0.757               | 127       | 70          | 0.551               | 6895     | 2920        | 0.423               |
| 192   | 2494    | 3656   | 125336 | <a href="#">Celio Pasquini</a>                             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Espectroscopia NIR   Espectroscopia Vibracional   Espectroscopia THz   | 37      | 25          | 0.676               | 102       | 52          | 0.510               | 6757     | 3021        | 0.447               |
| 117   | 2495    | 3657   | 125375 | <a href="#">Rosária Justi</a>                              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Models and modelling in science education  | 37      | 25          | 0.676               | 81        | 54          | 0.667               | 6713     | 2625        | 0.391               |
| 74  | 2496    | 3658   | 125378 | <a href="#">Marcelo Firpo Porto</a>                        |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Biological Science</a><br>ecologia política   justiça ambiental   promoção emancipatória da saúde   | 37      | 23          | 0.622               | 92        | 52          | 0.565               | 6711     | 2509        | 0.374               |
| 93  | 2497    | 3660   | 125402 | <a href="#">Jorge Luiz Nessimian</a>                       |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Insetos aquáticos   entomologia   | 37      | 23          | 0.622               | 107       | 47          | 0.439               | 6684     | 2484        | 0.372               |
| 767   | 2498    | 3664   | 125540 | <a href="#">Angelo Fernando Padilha</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Escola Politécnica da UniversidSão Paulo</a><br>Ciência e engenharia de materiais   materiais nucleares.   | 37      | 24          | 0.649               | 92        | 49          | 0.533               | 6548     | 2483        | 0.379               |
| 768   | 2499    | 3665   | 125568 | <a href="#">Seiji Isotani</a>                              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Gamification   Intelligent Tutoring Systems   Artificial Intelligence in Education   Learning Technologies   STEM Education | 37      | 31          | 0.838               | 132       | 94          | 0.712               | 6524     | 4498        | 0.689               |
| 60  | 2500    | 3666   | 125613 | <a href="#">Marcelo Cavenaghi Pereira Da Silva</a>         |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Morfologia   | 37      | 23          | 0.622               | 121       | 64          | 0.529               | 6470     | 3585        | 0.554               |

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| 22  | 2501    | 3668   | 125664 | <a href="#">Rosana Aquino</a>                  |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Avaliação de impacto de políticas sociais   Atenção primária à saúde   Promoção da saúde | 37      | 32          | 0.865               | 52        | 44          | 0.846               | 6431     | 4074        | 0.633               |
| 75  | 2502    | 3669   | 125726 | <a href="#">Oswaldo G. Cruz</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Programa de Computação Científica</a>  | 37      | 29          | 0.784               | 94        | 63          | 0.670               | 6379     | 3640        | 0.571               |
| 114   | 2503    | 3670   | 125737 | <a href="#">Daniela Riva Knauth</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   Epidemiologia   Antropologia médica   | 37      | 22          | 0.595               | 74        | 44          | 0.595               | 6371     | 1964        | 0.308               |
| 193   | 2504    | 3673   | 125762 | <a href="#">Claudia Sagastizábal</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">erIMECCUnicamp</a><br>optimization   | 37      | 22          | 0.595               | 61        | 39          | 0.639               | 6356     | 2035        | 0.320               |
| 769   | 2505    | 3675   | 125770 | <a href="#">Luís Fábio Silveira</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Ornitologia   Taxonomia   Conservação   Ornithology   Conservation  | 37      | 27          | 0.730               | 124       | 69          | 0.556               | 6337     | 3651        | 0.576               |
| 6   | 2506    | 3676   | 125774 | <a href="#">Edison Roberto Cabral Da Silva</a> |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Eletrônica de potência   | 37      | 20          | 0.541               | 101       | 39          | 0.386               | 6336     | 1538        | 0.243               |
| 770   | 2507    | 3677   | 125775 | <a href="#">Alberto Cukier</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               |  | 37      | 25          | 0.676               | 95        | 56          | 0.589               | 6334     | 2451        | 0.387               |
| 771   | 2508    | 3679   | 125894 | <a href="#">Luis Enrique Sánchez</a>           |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | impact assessment   sustainable mining   ecosystem services  | 37      | 27          | 0.730               | 93        | 58          | 0.624               | 6231     | 2816        | 0.452               |
| 772   | 2509    | 3680   | 125926 | <a href="#">Marisa Marcia Mussi Pinhata</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Infectologia neonatal e da criança  | 37      | 25          | 0.676               | 90        | 51          | 0.567               | 6201     | 3608        | 0.582               |
| 20  | 2510    | 3681   | 125946 | <a href="#">Maria Angelica Ehara Watanabe</a>  |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Medical and Health Sciences / Pathology</a><br>cancer   molecular biology   genetic   immunology   | 37      | 19          | 0.514               | 142       | 60          | 0.423               | 6191     | 2031        | 0.328               |
| 20  | 2511    | 3682   | 125964 | <a href="#">Bruno Hochhegger</a>               |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Saúde</a><br>Thoracic Radiology  | 37      | 27          | 0.730               | 137       | 93          | 0.679               | 6173     | 4082        | 0.661               |
| 773   | 2512    | 3685   | 126001 | <a href="#">Gustavo P Amarante Mendes</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Mechanisms of Cell Death   | 37      | 21          | 0.568               | 71        | 38          | 0.535               | 6144     | 1741        | 0.283               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 21  | 2513    | 3688   | 126088 | <a href="#">Lilian Milnitsky Stein</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>Eyewitness Testimony and Memory  | 37      | 25          | 0.676               | 71        | 42          | 0.592               | 6082     | 2224        | 0.366               |
| 118   | 2514    | 3689   | 126141 | <a href="#">Jacqueline Alvarez Leite</a>       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrition   biochemistry   medicine   | 37      | 27          | 0.730               | 80        | 60          | 0.750               | 6041     | 2755        | 0.456               |
| 774   | 2515    | 3690   | 126170 | <a href="#">Paulo Leonel Libardi</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               |  | 37      | 17          | 0.459               | 102       | 32          | 0.314               | 6019     | 1322        | 0.220               |
| 775   | 2516    | 3691   | 126192 | <a href="#">Suely Lopes Gomes</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Molecular Biology   Genetics of Bacteria  | 37      | 15          | 0.405               | 78        | 26          | 0.333               | 6002     | 1189        | 0.198               |
| 776   | 2517    | 3692   | 126194 | <a href="#">Vanderlei Rodrigues</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology of Parasites   Medical Biochemistry   Life Sciences                 | 37      | 21          | 0.568               | 86        | 53          | 0.616               | 6001     | 1446        | 0.241               |
| 777   | 2518    | 3693   | 126201 | <a href="#">Antonio De Padua Mansur</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medicina da UniversidSão Paulo</a><br>aterosclerose   doença arterial coronária   cardiopatia na mulher   fatores de risco   marcadores de risco | 37      | 21          | 0.568               | 118       | 55          | 0.466               | 5997     | 2114        | 0.353               |
| 32  | 2519    | 3694   | 126211 | <a href="#">Leni Akcelrud</a>                  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polymer  | 37      | 16          | 0.432               | 98        | 33          | 0.337               | 5990     | 1785        | 0.298               |
| 194   | 2520    | 3695   | 126220 | <a href="#">Marta Cristina Teixeira Duarte</a> |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Biotecnologia   Fermentações   Enzimas   Plantas Medicinais                    | 37      | 26          | 0.703               | 77        | 52          | 0.675               | 5986     | 2558        | 0.427               |
| 144   | 2521    | 3696   | 126225 | <a href="#">Marlise Inêz Klein</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biofilm   dental caries   | 37      | 31          | 0.838               | 57        | 50          | 0.877               | 5982     | 3452        | 0.577               |
| 26  | 2522    | 3700   | 126293 | <a href="#">Kenneth Rochel De Camargo Jr</a>   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | Science Studies   Public Health  | 37      | 24          | 0.649               | 103       | 57          | 0.553               | 5932     | 1872        | 0.316               |
| 13  | 2523    | 3701   | 126297 | <a href="#">Andrea Ribeiro Dos Santos</a>      |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Regulatory mechanisms   Human genetics   Epigenomics   Medical Genetics   Population Genetics       | 37      | 26          | 0.703               | 130       | 87          | 0.669               | 5929     | 2793        | 0.471               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 145   | 2524    | 3702   | 126298 | <a href="#">Fowler Hg</a>                    | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 37      | 15          | 0.405               | 125       | 29          | 0.232               | 5929     | 1081        | 0.182               |
| 94  | 2525    | 3703   | 126358 | <a href="#">Marta Mattoso</a>                | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Database systems   workflows   provenance   data parallelism   | 37      | 19          | 0.514               | 149       | 36          | 0.242               | 5891     | 1642        | 0.279               |
| 778   | 2526    | 3705   | 126388 | <a href="#">Antonio Pazin Filho</a>          | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">IIdEmergênciasClínicasClínicaâ€¦!</a><br>emergência   urgência   cardiologia   administração hospitalar   educação médica   | 37      | 25          | 0.676               | 98        | 58          | 0.592               | 5872     | 3422        | 0.583               |
| 779   | 2527    | 3707   | 126439 | <a href="#">Oswaldo Keith Okamoto</a>        | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia molecular e celular   genética   oncologia   células-tronco   câncer                            | 37      | 23          | 0.622               | 66        | 49          | 0.742               | 5846     | 2147        | 0.367               |
| 195   | 2528    | 3709   | 126486 | <a href="#">Waldir Freitas</a>               | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>power systems   | 37      | 26          | 0.703               | 82        | 55          | 0.671               | 5807     | 2450        | 0.422               |
| 61  | 2529    | 3711   | 126511 | <a href="#">Andre Luiz Vettore</a>           | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cancer Molecular Biology   | 37      | 21          | 0.568               | 55        | 37          | 0.673               | 5791     | 2177        | 0.376               |
| 27  | 2530    | 3712   | 126519 | <a href="#">Monica Heilbron</a>              | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>tectonica  | 37      | 27          | 0.730               | 95        | 61          | 0.642               | 5784     | 2546        | 0.440               |
| 780   | 2531    | 3714   | 126536 | <a href="#">Silvio Ferraz</a>                | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Forest ecohydrology   GIS   hydrological modeling   watershed management   | 37      | 32          | 0.865               | 80        | 68          | 0.850               | 5775     | 4242        | 0.735               |
| 119   | 2532    | 3716   | 126598 | <a href="#">Marivalda Magalhaes Pereira</a>  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science   Biomaterials   tissue engineering                               | 37      | 24          | 0.649               | 89        | 52          | 0.584               | 5738     | 2093        | 0.365               |
| 196   | 2533    | 3718   | 126667 | <a href="#">Edinéis De Brito Guirardello</a> | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">AssoaciadUniversidCampinasUnicamp</a><br>Satisfação do paciente   Segurança do paciente   Ambiente da prática profissional da enfermagem   Tradução e adaptação cul | 37      | 26          | 0.703               | 82        | 64          | 0.780               | 5688     | 3467        | 0.610               |
| 2   | 2534    | 3719   | 126711 | <a href="#">Maria Martha Bernardi</a>        | <br>Brazil | <a href="#">Universidade Paulista UNIP</a>                             | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   | 37      | 21          | 0.568               | 136       | 63          | 0.463               | 5663     | 2261        | 0.399               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 197   | 2535    | 3720   | 126726 | <a href="#">Armando Boito Júnior</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Social Sciences / Political Science</a><br>Ciência Política e Brasil   | 37      | 23          | 0.622               | 63        | 47          | 0.746               | 5655     | 2336        | 0.413               |
| 115   | 2536    | 3721   | 126733 | <a href="#">Eugenio Horacio Grevet</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Déficit de Atenção/Hiperatividade em adultos   | 37      | 25          | 0.676               | 86        | 63          | 0.733               | 5650     | 3450        | 0.611               |
| 120   | 2537    | 3723   | 126876 | <a href="#">Eduardo Da Motta E Albuquerque</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia da Ciência e da Tecnologia   Economia Política Contemporânea  | 37      | 19          | 0.514               | 91        | 40          | 0.440               | 5565     | 1618        | 0.291               |
| 95  | 2538    | 3725   | 126936 | <a href="#">Francisco Radler De Aquino Neto</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>cromatografia   espectrometria de massas   geoquímica orgânica molecular   controle de dopagem   análise de resíduos | 37      | 19          | 0.514               | 122       | 48          | 0.393               | 5532     | 1512        | 0.273               |
| 781   | 2539    | 3726   | 126937 | <a href="#">Moreno CRC</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | saúde pública   saúde do trabalhador   sono   cronobiologia  | 37      | 24          | 0.649               | 92        | 54          | 0.587               | 5532     | 2458        | 0.444               |
| 22  | 2540    | 3727   | 126949 | <a href="#">Pedro Celiny Garcia</a>             |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   Medicina Intensiva Pediátrica   | 37      | 22          | 0.595               | 109       | 46          | 0.422               | 5524     | 2232        | 0.404               |
| 116   | 2541    | 3728   | 126954 | <a href="#">Renato Azevedo Matias Silvano</a>   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Aplicada   Ecologia Humana   Etnobiologia   Ecologia de Peixes   Pesca                                     | 37      | 29          | 0.784               | 71        | 57          | 0.803               | 5522     | 3122        | 0.565               |
| 198   | 2542    | 3729   | 126982 | <a href="#">Maria Helena Santana</a>            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Nanobiotecnologia   Plasma-Rico em Plaquetas   Fermentação  | 37      | 27          | 0.730               | 114       | 73          | 0.640               | 5506     | 3092        | 0.562               |
| 782   | 2543    | 3730   | 126988 | <a href="#">Carlos Roberto Ferreira Brandão</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Taxonomia   Ecologia de comunidades   Evolução do comportamento social  | 37      | 18          | 0.486               | 87        | 35          | 0.402               | 5503     | 1763        | 0.320               |
| 783   | 2544    | 3732   | 127039 | <a href="#">Angelo Carpinelli</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Physiology</a><br>Secreção de insulina   | 37      | 22          | 0.595               | 89        | 42          | 0.472               | 5474     | 1400        | 0.256               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 2545    | 3733   | 127068 | <a href="#">Luis Sangoi</a>                      | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a> | <a href="#">Agriculture &amp; Forestry / Crop Sciences</a><br>Crop Science   Crop Physiology   Crop Management  | 37      | 19          | 0.514               | 104       | 45          | 0.433               | 5457     | 1816        | 0.333               |
| 784   | 2546    | 3735   | 127102 | <a href="#">Tito J Bonagamba</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Physics</a><br>Physics   NMR   Porous Media   Materials Science   Quantum Information  | 37      | 18          | 0.486               | 105       | 31          | 0.295               | 5440     | 1262        | 0.232               |
| 48  | 2547    | 3737   | 127151 | <a href="#">Ivan Cruz</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador científico, Embrapa</a><br>Boinsumos   controle biológico   | 37      | 20          | 0.541               | 126       | 55          | 0.437               | 5419     | 1794        | 0.331               |
| 199   | 2548    | 3739   | 127185 | <a href="#">Meuris Gurgel Carlos Da Silva</a>    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      |   | 37      | 32          | 0.865               | 129       | 100         | 0.775               | 5396     | 3681        | 0.682               |
| 7   | 2549    | 3743   | 127249 | <a href="#">Amélia Ribeiro De Jesus</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Sergipe UFS</a>            | <a href="#">UniversiSergipe</a><br>Medicina   | 37      | 24          | 0.649               | 78        | 50          | 0.641               | 5366     | 1711        | 0.319               |
| 33  | 2550    | 3745   | 127263 | <a href="#">Rudi Weiblen</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>veterinary virology and epidemiology   | 37      | 20          | 0.541               | 120       | 48          | 0.400               | 5360     | 1707        | 0.318               |
| 4   | 2551    | 3746   | 127278 | <a href="#">Joao PB Viola</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Cancer</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 37      | 23          | 0.622               | 53        | 42          | 0.792               | 5355     | 1921        | 0.359               |
| 23  | 2552    | 3748   | 127392 | <a href="#">Ligia Maria Vieira Da Silva</a>      | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal da Bahia</a>                  | <a href="#">ISC/UFBA(Brasil)</a><br>Análise sócio-histórica de políticas de saúde   Avaliação de políticas e programas de saúde   determinantes sociais da sa               | 37      | 21          | 0.568               | 65        | 40          | 0.615               | 5299     | 1611        | 0.304               |
| 60  | 2553    | 3749   | 127394 | <a href="#">Christiane Gresse Von Wangenheim</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computing Education   Usability Engineering   Design Thinking   Software Engineering   Educational Games | 37      | 29          | 0.784               | 98        | 65          | 0.663               | 5298     | 2704        | 0.510               |
| 785   | 2554    | 3751   | 127471 | <a href="#">Francisco C Alcaraz</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Physics</a><br>mecanica estatistica  | 37      | 14          | 0.378               | 87        | 24          | 0.276               | 5255     | 914         | 0.174               |
| 786   | 2555    | 3752   | 127473 | <a href="#">Denise Freitas Siqueira Petri</a>    | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>fisico-quimica   macromoleculas   interfaces e superficies  | 37      | 25          | 0.676               | 134       | 58          | 0.433               | 5254     | 2331        | 0.444               |
| 787   | 2556    | 3753   | 127499 | <a href="#">Marcelo Moreira</a>                  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">UniversidSão Paulo</a><br>Isótopos Estáveis   | 37      | 28          | 0.757               | 67        | 52          | 0.776               | 5242     | 1982        | 0.378               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 121   | 2557    | 3754   | 127507 | <a href="#">Fabiana Simão Machado</a>         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Imunologia   Imunoparasitologia   | 37      | 24          | 0.649               | 83        | 58          | 0.699               | 5240     | 1964        | 0.375               |
| 788   | 2558    | 3756   | 127525 | <a href="#">Iberê Luiz Caldas</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Plasma Fusion   Chaos   Nonlinear Dynamics   Dynamical Systems   | 37      | 20          | 0.541               | 156       | 61          | 0.391               | 5230     | 1820        | 0.348               |
| 5   | 2559    | 3757   | 127535 | <a href="#">Ivo Mottin Demiate</a>            |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science and Technology   | 37      | 27          | 0.730               | 117       | 80          | 0.684               | 5226     | 2925        | 0.560               |
| 789   | 2560    | 3758   | 127551 | <a href="#">Fábio Rodrigo Piovezani Rocha</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Química limpa   Automação em Química Analítica   Análises em Fluxo   Métodos Ópticos de Análises | 37      | 21          | 0.568               | 115       | 61          | 0.530               | 5218     | 1993        | 0.382               |
| 146   | 2561    | 3760   | 127562 | <a href="#">Roberto Nardi</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Ensino de Física   Ensino de Ciências   Formação inicial e continuada de professores de física e ciências  | 37      | 24          | 0.649               | 96        | 53          | 0.552               | 5214     | 2131        | 0.409               |
| 96  | 2562    | 3761   | 127591 | <a href="#">Leonardo Rodrigues Andrade</a>    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Bioengineering   Cell Biology   Heavy metals   Inner ear  | 37      | 26          | 0.703               | 69        | 52          | 0.754               | 5201     | 2546        | 0.490               |
| 17  | 2563    | 3763   | 127674 | <a href="#">Beatrice Ferreira</a>             |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">UniversidPernambuco</a><br>coral reefs   fishes   biology  | 37      | 21          | 0.568               | 85        | 54          | 0.635               | 5164     | 2181        | 0.422               |
| 200   | 2564    | 3764   | 127675 | <a href="#">Cristiano MB Cordeiro</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>optics   photonics   optical fiber   sensing   | 37      | 28          | 0.757               | 83        | 64          | 0.771               | 5164     | 2532        | 0.490               |
| 1   | 2565    | 3765   | 127717 | <a href="#">Leila Posenato Garcia</a>         |  Brazil | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Pública  | 37      | 31          | 0.838               | 99        | 78          | 0.788               | 5143     | 3782        | 0.735               |
| 790   | 2566    | 3766   | 127738 | <a href="#">Celso De Barros Gomes</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>petrologia   magmatismo alcalino   microsonda eletrônica   mineralogia   carbonatitos  | 37      | 20          | 0.541               | 117       | 49          | 0.419               | 5135     | 1573        | 0.306               |
| 47  | 2567    | 3767   | 127742 | <a href="#">Ruth Hga Kiminami</a>             |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharias   materiais cerâmicos   engenharia de materiais                      | 37      | 23          | 0.622               | 101       | 61          | 0.604               | 5134     | 1791        | 0.349               |
| 97  | 2568    | 3768   | 127743 | <a href="#">Jc Appolinario</a>                |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Eating Disorders   Mood Disorders   Obesity  | 37      | 21          | 0.568               | 72        | 39          | 0.542               | 5133     | 1517        | 0.296               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 791   | 2569    | 3770   | 127800 | <a href="#">Carlos Serrano</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia  | 37      | 20          | 0.541               | 86        | 46          | 0.535               | 5111     | 1750        | 0.342               |
| 117   | 2570    | 3772   | 127949 | <a href="#">Marco Aurélio Vaz</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Biomecânica PlasticidNeuromuscular Biomecânica Musculoesquelética Biomecânica Esportiva Fadiga Neuromuscular</a><br>Biomecânica   Plasticidade Neuromuscular   Biomecânica Musculoesquelética   Biomecânica Esportiva   Fadiga Neuromuscular | 37      | 26          | 0.703               | 101       | 72          | 0.713               | 5055     | 2790        | 0.552               |
| 147   | 2571    | 3774   | 127993 | <a href="#">Cristiane Yumi Koga Ito</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">OdontologiSÃ£oJoséâ€¦</a><br>Microbiologia bucal   Microbiologia médica  | 37      | 23          | 0.622               | 118       | 62          | 0.525               | 5029     | 2179        | 0.433               |
| 148   | 2572    | 3776   | 128022 | <a href="#">Newton La Scala Jr</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Respiration   Soil CO2 Emission   Greenhouse Gas Emission   Sustainable Agriculture   | 37      | 24          | 0.649               | 94        | 71          | 0.755               | 5015     | 2489        | 0.496               |
| 201   | 2573    | 3778   | 128032 | <a href="#">Orlando Peres</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>particle physics   neutrino physics  | 37      | 25          | 0.676               | 64        | 47          | 0.734               | 5013     | 2678        | 0.534               |
| 46  | 2574    | 3779   | 128037 | <a href="#">Afranio Craveiro</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">ParqueDesenvolvimentoTecnológicoUFC</a><br>Óleos essenciais   quitosana   plantas medicinais   | 37      | 17          | 0.459               | 79        | 28          | 0.354               | 5011     | 974         | 0.194               |
| 122   | 2575    | 3781   | 128073 | <a href="#">Gustavo Batista Menezes</a>          |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia Hepática  | 37      | 30          | 0.811               | 82        | 69          | 0.841               | 4999     | 2958        | 0.592               |
| 149   | 2576    | 3782   | 128127 | <a href="#">Eduardo Colombari</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Fisiologia de órgãos e sistemas   Neurofisiologia   Fisiologia Cardiovascular   | 37      | 19          | 0.514               | 116       | 52          | 0.448               | 4973     | 1699        | 0.342               |
| 792   | 2577    | 3783   | 128129 | <a href="#">Claudio Augusto Oller Nascimento</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Biotecnologia   meio ambiente  | 37      | 23          | 0.622               | 112       | 70          | 0.625               | 4972     | 2390        | 0.481               |
| 123   | 2578    | 3785   | 128158 | <a href="#">Carla Jorge Machado</a>              |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Social Sciences / Demography</a><br>Demografia/ Epidemiologia/ Saúde Pública / Métodos Quantitativos   | 37      | 24          | 0.649               | 99        | 65          | 0.657               | 4959     | 2239        | 0.452               |
| 30  | 2579    | 3786   | 128192 | <a href="#">Ciomar Aparecida Bersani Amado</a>   |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Inflamação   Anti-inflamatórios   Produtos naturais  | 37      | 27          | 0.730               | 106       | 66          | 0.623               | 4944     | 2575        | 0.521               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 793   | 2580    | 3788   | 128205 | <a href="#">Sandra Cristina Pillon</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto</a><br>Dependência de drogas   | 37      | 21          | 0.568               | 118       | 64          | 0.542               | 4940     | 1811        | 0.367               |
| 61  | 2581    | 3789   | 128229 | <a href="#">Paulo C Simoes Lopes</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Biological Science</a><br>mamíferos marinhos   golfinhos   ecologia comportamental   morfologia do esqueleto   anatomia comparada e biomecânica do esqueleto | 37      | 26          | 0.703               | 105       | 77          | 0.733               | 4925     | 2180        | 0.443               |
| 33  | 2582    | 3790   | 128230 | <a href="#">Rosana Moreira Da Rocha</a>      |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Ecologia   Ecologia marinha   Bioinvasões   Ascidiacea  | 37      | 22          | 0.595               | 91        | 61          | 0.670               | 4925     | 2056        | 0.417               |
| 150   | 2583    | 3791   | 128232 | <a href="#">Maria Angélica Martins Costa</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química e Amostragem e Controle Ambiental   | 37      | 28          | 0.757               | 76        | 56          | 0.737               | 4925     | 3362        | 0.683               |
| 47  | 2584    | 3792   | 128266 | <a href="#">Joselany Caetano</a>             |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">EnfermagemCeará</a><br>Enfermagem   Segurança do paciente   | 37      | 24          | 0.649               | 131       | 82          | 0.626               | 4910     | 2589        | 0.527               |
| 794   | 2585    | 3793   | 128276 | <a href="#">Paulina Kurcgant</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Administração em Enfermagem</a><br>Administração em Enfermagem  | 37      | 18          | 0.486               | 88        | 36          | 0.409               | 4907     | 1194        | 0.243               |
| 76  | 2586    | 3794   | 128290 | <a href="#">Fabio Zicker</a>                 |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Center for Technological Development in Health (CDTS)/Fiocruz, Rio de Janeiro</a><br>Communicable diseases research   Global Health   | 37      | 15          | 0.405               | 71        | 27          | 0.380               | 4903     | 1044        | 0.213               |
| 124   | 2587    | 3797   | 128309 | <a href="#">Jader S Cruz</a>                 |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biophysics   Cardiac Electrophysiology  | 37      | 21          | 0.568               | 106       | 73          | 0.689               | 4893     | 1805        | 0.369               |
| 1   | 2588    | 3800   | 128368 | <a href="#">Fabio Hv Hazin</a>               |  Brazil | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia de Pesca   Oceanografia  | 37      | 23          | 0.622               | 121       | 68          | 0.562               | 4864     | 2265        | 0.466               |
| 1   | 2589    | 3801   | 128376 | <a href="#">Aureliano Jose Vieira Pires</a>  |  Brazil | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>             | <a href="#">Professor do Curso Zootecnia, Universidade Estadual do Sudoeste da Bahia</a><br>Forragicultura e Pastagem   | 37      | 19          | 0.514               | 139       | 53          | 0.381               | 4861     | 1749        | 0.360               |
| 118   | 2590    | 3802   | 128382 | <a href="#">William Gomes</a>                |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Psychology</a><br>Psicoterapia   Fenomenologia   História da Psicologia   Conversa Internata   memória  | 37      | 20          | 0.541               | 92        | 43          | 0.467               | 4859     | 1471        | 0.303               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 34  | 2591    | 3803   | 128399 | <a href="#">Paulo Bayard Gonçalves</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Reproduction   Biology of Reproduction  | 37      | 22          | 0.595               | 119       | 65          | 0.546               | 4851     | 1982        | 0.409               |
| 1   | 2592    | 3804   | 128405 | <a href="#">Alessandro De Lima</a>                      |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Piauí</a> | <a href="#">Education / Education</a><br>ciência de alimentos   | 37      | 23          | 0.622               | 83        | 45          | 0.542               | 4850     | 1811        | 0.373               |
| 48  | 2593    | 3805   | 128429 | <a href="#">Pedro De Lima Neto</a>                      |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroquímica   Corrosão  | 37      | 24          | 0.649               | 111       | 84          | 0.757               | 4837     | 2312        | 0.478               |
| 795   | 2594    | 3806   | 128430 | <a href="#">Maria Candida Barisson Villares Fragoso</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">HCFMPSuprarrenal</a><br>Áreas de interesse: Síndrome de Cushing   Tumor adrenocortical   Feocromocitoma   Tumorigenese adrenal   hiperplasia Macronodular | 37      | 27          | 0.730               | 91        | 69          | 0.758               | 4837     | 2678        | 0.554               |
| 796   | 2595    | 3808   | 128451 | <a href="#">Fabio Scorsolini Comin</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Social Sciences / Psychology</a><br>Psicologia  | 37      | 28          | 0.757               | 132       | 103         | 0.780               | 4829     | 3152        | 0.653               |
| 17  | 2596    | 3810   | 128504 | <a href="#">Evandro Souza</a>                           |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia de Alimentos   Controle Microbiológico em Alimentos   Antimicrobianos                     | 37      | 26          | 0.703               | 81        | 59          | 0.728               | 4810     | 2187        | 0.455               |
| 202   | 2597    | 3815   | 128592 | <a href="#">Joyce Maria Annichino Bizzacchi</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Hematology</a><br>trombose venosa e arterial   biologia molecular   doenças hemorrágicas   terapia celular                  | 37      | 18          | 0.486               | 102       | 40          | 0.392               | 4782     | 1615        | 0.338               |
| 797   | 2598    | 3818   | 128644 | <a href="#">Vera Demarchi Aiello</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pathology</a><br>Cardiovascular Pathology   Morphology of Congenital Heart Defects   Pulmonary Hypertension                 | 37      | 17          | 0.459               | 96        | 37          | 0.385               | 4764     | 1464        | 0.307               |
| 798   | 2599    | 3819   | 128651 | <a href="#">Samia R Joca</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neuropsicofarmacologia  | 37      | 26          | 0.703               | 81        | 67          | 0.827               | 4762     | 2676        | 0.562               |
| 18  | 2600    | 3820   | 128678 | <a href="#">Maria Fernanda Pimentel</a>                 |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">UniversidPernambuco</a>   | 37      | 26          | 0.703               | 90        | 62          | 0.689               | 4750     | 1959        | 0.412               |
| 203   | 2601    | 3821   | 128682 | <a href="#">Marcio De Moraes</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Implantes   Cirurgia Ortognática   Teste biomecânico   | 37      | 23          | 0.622               | 110       | 68          | 0.618               | 4747     | 2025        | 0.427               |
| 98  | 2602    | 3822   | 128705 | <a href="#">Luiz Pinguelli Rosa</a>                     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>Energia   Mudanças Climáticas   Teoria do Conhecimento   | 37      | 19          | 0.514               | 104       | 48          | 0.462               | 4740     | 1430        | 0.302               |





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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 2603    | 3824   | 128723 | <a href="#">Tania Maria Sarmiento Da Silva</a>   |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química de Produtos Naturais   Biossíntese   Quimiotaxonomia   Flavonóides         | 37      | 23          | 0.622               | 107       | 77          | 0.720               | 4732     | 2412        | 0.510               |
| 62  | 2604    | 3827   | 128748 | <a href="#">Maria José Hötzel</a>                |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>animal welfare   applied ethology   agroecology   animal science                | 37      | 29          | 0.784               | 97        | 77          | 0.794               | 4722     | 2884        | 0.611               |
| 204   | 2605    | 3828   | 128773 | <a href="#">Wilson Nadruz Junior</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | Hypertension   Cardiovascular remodeling   | 37      | 24          | 0.649               | 101       | 70          | 0.693               | 4712     | 2972        | 0.631               |
| 62  | 2606    | 3830   | 128778 | <a href="#">Veridiana Vera De Rosso</a>          |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>      |  | 37      | 32          | 0.865               | 70        | 68          | 0.971               | 4711     | 3216        | 0.683               |
| 40  | 2607    | 3832   | 128837 | <a href="#">Helena Maria Pinheiro Sant Ana</a>   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>             | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Ciência dos Alimentos-Ciência da Nutrição                                   | 37      | 27          | 0.730               | 87        | 62          | 0.713               | 4683     | 2815        | 0.601               |
| 799   | 2608    | 3833   | 128841 | <a href="#">Sylvia Berlanga De Moraes Barros</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">SÃO Paulo</a><br>Toxicology   Alternative methods   photoprotection   natural products   | 37      | 17          | 0.459               | 80        | 40          | 0.500               | 4683     | 1461        | 0.312               |
| 63  | 2609    | 3834   | 128848 | <a href="#">Sylvia Cardoso Leão</a>              |  Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>      | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiology   | 37      | 18          | 0.486               | 63        | 37          | 0.587               | 4682     | 1535        | 0.328               |
| 13  | 2610    | 3836   | 128870 | <a href="#">Bruno Lemos Batista</a>              |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química ambiental   química analítica   toxicologia   ciência dos alimentos   biorremediação | 37      | 30          | 0.811               | 100       | 93          | 0.930               | 4673     | 3091        | 0.661               |
| 800   | 2611    | 3837   | 128935 | <a href="#">Rubens Cesar Lopes Figueira</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Geochemistry   Radiochemistry   Marine Pollution                   | 37      | 28          | 0.757               | 112       | 98          | 0.875               | 4646     | 2819        | 0.607               |
| 77  | 2612    | 3839   | 128961 | <a href="#">Sandra De Souza Hacon</a>            |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                          | <a href="#">Escola Nacional de Saude Pública/FIOCRUZ</a><br>Avaliação de Impacto à saude   | 37      | 26          | 0.703               | 111       | 77          | 0.694               | 4635     | 2328        | 0.502               |
| 2   | 2613    | 3840   | 128994 | <a href="#">Hélio CN Tolentino</a>               |  Brazil | <a href="#">Laboratorio Nacional de Luz Sincrotron</a>         | <a href="#">Natural Sciences / Physics</a><br>Condensed matter physics   synchrotron light applications  | 37      | 18          | 0.486               | 94        | 32          | 0.340               | 4622     | 1068        | 0.231               |
| 78  | 2614    | 3841   | 128996 | <a href="#">Ademir J Martins</a>                 |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                          | <a href="#">Researcher at Fiocruz</a><br>Entomologia médica   Genética   Parasitologia   | 37      | 31          | 0.838               | 59        | 53          | 0.898               | 4622     | 3294        | 0.713               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 801   | 2615    | 3842   | 129033 | <a href="#">Rosana Maria Dos Reis</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Ginecologia e Obstetria   Biologia da Reprodução   | 37      | 24          | 0.649               | 110       | 66          | 0.600               | 4610     | 2159        | 0.468               |
| 205   | 2616    | 3843   | 129050 | <a href="#">Felix Guillermo Reyes Reyes</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                                | <a href="#">UNICAMP Alimentos/â€</a><br>Aditivos Alimentares   Farmacos Veterinarios   Segurana Alimentar  | 37      | 24          | 0.649               | 98        | 57          | 0.582               | 4602     | 1974        | 0.429               |
| 49  | 2617    | 3845   | 129058 | <a href="#">Alexandre Havt</a>              |  Brazil   | <a href="#">Universidade Federal do Cear</a>  | <a href="#">Medical and Health Sciences / Medical Biochemistry</a><br>Nephrotoxicity   Infectious diseases   molecular biology  | 37      | 24          | 0.649               | 81        | 54          | 0.667               | 4598     | 3038        | 0.661               |
| 802   | 2618    | 3846   | 129076 | <a href="#">Pietro Ciancaglini</a>          |  Brazil   | <a href="#">Universidade de So Paulo USP</a>  | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Bioqumica e Biofsica  | 37      | 22          | 0.595               | 129       | 62          | 0.481               | 4591     | 1985        | 0.432               |
| 41  | 2619    | 3847   | 129078 | <a href="#">Andreia Patricia Gomes</a>      |  Brazil   | <a href="#">Universidade Federal de Viosa UFV</a>                                       | <a href="#">UFV</a><br>biotica   direito   doena infecciosa   sade pblica   | 37      | 28          | 0.757               | 85        | 54          | 0.635               | 4590     | 2176        | 0.474               |
| 151   | 2620    | 3849   | 129114 | <a href="#">Carlos Fo Graeff</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Jlio de Mesquita Filho</a>                   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Semicondutores orgnicos   Dispositivos Eletrnicos   Ressonncia Magntica   Biopolmeros          | 37      | 24          | 0.649               | 124       | 70          | 0.565               | 4573     | 2015        | 0.441               |
| 31  | 2621    | 3850   | 129126 | <a href="#">Alessandro Lucca Braccini</a>   |  Brazil   | <a href="#">Universidade Estadual de Maring</a>   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Tecnologia e Produo de Sementes   Manejo e Tratos Culturais em Soja e Canola   | 37      | 20          | 0.541               | 124       | 56          | 0.452               | 4570     | 1722        | 0.377               |
| 803   | 2622    | 3851   | 129143 | <a href="#">Rodrigo Jorge</a>               |  Brazil   | <a href="#">Universidade de So Paulo USP</a>  | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>oftalmologia   retinopatia diabtica   degenerao macular relacionada a idade   drogas anti-VEGF   cirurgia de retina e vtreo | 37      | 19          | 0.514               | 76        | 47          | 0.618               | 4565     | 1318        | 0.289               |
| 2   | 2623    | 3852   | 129144 | <a href="#">Adriano Gomes Da Cruz</a>       |  Brazil | <a href="#">Instituto Federal de Educao Cincia e Tecnologia do Rio de Janeiro IFRJ</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Alimentos  | 37      | 31          | 0.838               | 75        | 61          | 0.813               | 4565     | 3095        | 0.678               |
| 804   | 2624    | 3854   | 129179 | <a href="#">Mauro Bertotti</a>              |  Brazil | <a href="#">Universidade de So Paulo USP</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroanaltica  | 37      | 24          | 0.649               | 133       | 66          | 0.496               | 4551     | 1883        | 0.414               |
| 99  | 2625    | 3855   | 129184 | <a href="#">Pedro Muanis Persechini</a>     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                                   | <a href="#">Medical and Health Sciences / Biophysics</a><br>macrophage   P2 receptors   ion channels   immunology   biophysics  | 37      | 15          | 0.405               | 65        | 23          | 0.354               | 4550     | 902         | 0.198               |
| 1   | 2626    | 3856   | 129189 | <a href="#">Fabio Squina</a>                |  Brazil | <a href="#">Universidade de Sorocaba</a>   | <a href="#">Biotechnology Enzymes Metagenomics </a><br>Biotechnology   Enzymes   Metagenomics   | 37      | 29          | 0.784               | 109       | 91          | 0.835               | 4547     | 3161        | 0.695               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 64  | 2627    | 3857   | 129203 | <a href="#">Isabel Cristina Kowal Olm Cunha</a>    |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Business &amp; Management / Business Administration</a><br>Administração/Gestão em Enfermagem e Saúde   | 37      | 23          | 0.622               | 97        | 59          | 0.608               | 4542     | 1838        | 0.405               |
| 32  | 2628    | 3859   | 129234 | <a href="#">Antonio Carlos Bento</a>               |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Physics</a><br>Ciência Natural   óptica Física   Espectroscopia Óptica   Fototérmica   | 37      | 18          | 0.486               | 108       | 41          | 0.380               | 4531     | 1354        | 0.299               |
| 63  | 2629    | 3860   | 129236 | <a href="#">Pedro Henrique Hermes De Araujo</a>    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymers   Chemical Engineering   | 37      | 26          | 0.703               | 125       | 84          | 0.672               | 4530     | 2788        | 0.615               |
| 152   | 2630    | 3861   | 129251 | <a href="#">Marlene Cristina Alves</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 37      | 20          | 0.541               | 113       | 49          | 0.434               | 4526     | 1623        | 0.359               |
| 7   | 2631    | 3862   | 129253 | <a href="#">Mario Geraldo De Carvalho</a>          |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRJ</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Orgânica   Farmacologia   Atividade Biológica   Espectrometria  | 37      | 27          | 0.730               | 134       | 71          | 0.530               | 4524     | 2451        | 0.542               |
| 65  | 2632    | 3863   | 129269 | <a href="#">Alba Lucia Bottura Leite De Barros</a> |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Enfermagem  | 37      | 23          | 0.622               | 113       | 67          | 0.593               | 4517     | 1986        | 0.440               |
| 805   | 2633    | 3864   | 129317 | <a href="#">Roberto Passetto Falcão</a>            |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia celular   Células-tronco   Hematologia   Imunologia   Leucemia                                      | 37      | 17          | 0.459               | 85        | 29          | 0.341               | 4495     | 994         | 0.221               |
| 64  | 2634    | 3865   | 129324 | <a href="#">Silvana Nair Leite</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia   Pharmacy   Pharmacist   Pharmaceutical   Assistência Farmacêutica                | 37      | 30          | 0.811               | 95        | 76          | 0.800               | 4493     | 2662        | 0.592               |
| 806   | 2635    | 3866   | 129326 | <a href="#">Marcio C Silva Filho</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant molecular genetics  | 37      | 23          | 0.622               | 64        | 47          | 0.734               | 4493     | 1654        | 0.368               |
| 34  | 2636    | 3868   | 129382 | <a href="#">José Francisco Gonçalves Júnior</a>    |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Limnologia  | 37      | 28          | 0.757               | 80        | 63          | 0.788               | 4472     | 2363        | 0.528               |
| 807   | 2637    | 3869   | 129412 | <a href="#">John Campbell Mcnamara</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Crustacean physiology   ion transport and osmoregulation   evolution and adaptation   conservation of biological diversity | 37      | 20          | 0.541               | 101       | 54          | 0.535               | 4456     | 1528        | 0.343               |

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|---|---------|--------|--------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 125   | 2638    | 3870   | 129425 | <a href="#">Carlos Delfin Chavez Olortegui</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Pharmacology and Toxicology</a><br>Toxinologia   | 37      | 21          | 0.568               | 125       | 72          | 0.576               | 4452     | 1788        | 0.402               |
| 65  | 2639    | 3871   | 129428 | <a href="#">Tânia Silvia Fröde</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | inflammation   immunologyFirst interest   Second interest  | 37      | 23          | 0.622               | 85        | 57          | 0.671               | 4452     | 1707        | 0.383               |
| 808   | 2640    | 3872   | 129444 | <a href="#">Thiago Regis Longo Cesar Paixão</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemical sensors  | 37      | 29          | 0.784               | 91        | 62          | 0.681               | 4442     | 2897        | 0.652               |
| 809   | 2641    | 3873   | 129445 | <a href="#">João Carlos Monteiro De Carvalho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSãofo Paulo</a><br>Biomassa Microbiana  | 37      | 27          | 0.730               | 74        | 54          | 0.730               | 4442     | 2110        | 0.475               |
| 126   | 2642    | 3874   | 129461 | <a href="#">Dawidson Gomes</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Celular e Molecular   Células-tronco   Biologia dos tumores   engenharia de tecidos                                  | 37      | 29          | 0.784               | 85        | 75          | 0.882               | 4437     | 2391        | 0.539               |
| 19  | 2643    | 3875   | 129491 | <a href="#">Pedro Henrique Ferri</a>             |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   Quimiometria   Análise Espacial   Análise Temporal  | 37      | 21          | 0.568               | 91        | 58          | 0.637               | 4426     | 1513        | 0.342               |
| 8   | 2644    | 3876   | 129527 | <a href="#">Raquel Agnelli Mesquita Ferrari</a>  |  Brazil   | <a href="#">Universidade Nove de Julho</a>                                  | <a href="#">UNINOVE</a><br>Pesquisa  | 37      | 27          | 0.730               | 126       | 102         | 0.810               | 4410     | 2703        | 0.613               |
| 23  | 2645    | 3877   | 129566 | <a href="#">Jose Chatkin</a>                     |  Brazil  | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Pneumologia  | 37      | 20          | 0.541               | 82        | 43          | 0.524               | 4394     | 1419        | 0.323               |
| 2   | 2646    | 3878   | 129571 | <a href="#">Sheila Cavalca Cortelli</a>          |  Brazil | <a href="#">Universidade de Taubaté UNITAU</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>periodontia   | 37      | 24          | 0.649               | 96        | 62          | 0.646               | 4391     | 1909        | 0.435               |
| 810   | 2647    | 3879   | 129611 | <a href="#">Elsa Masae Mamizuka</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">USP</a><br>Microbiologia Clínica   | 37      | 18          | 0.486               | 80        | 39          | 0.488               | 4373     | 1253        | 0.287               |
| 50  | 2648    | 3882   | 129644 | <a href="#">Marta Maria De França Fonteles</a>   |  Brazil | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia Clínica   Atenção Farmacêutica   Farmacologia   Neurofarmacologia   Farmacovigilância | 37      | 20          | 0.541               | 99        | 66          | 0.667               | 4359     | 1869        | 0.429               |
| 811   | 2649    | 3885   | 129673 | <a href="#">Marcelo Gp Cavalcanti</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Radiologia  | 37      | 17          | 0.459               | 92        | 44          | 0.478               | 4350     | 1105        | 0.254               |


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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 127   | 2650    | 3886   | 129694 | <a href="#">Claudia Maria Jacobi</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia  | 37      | 23          | 0.622               | 71        | 46          | 0.648               | 4339     | 2209        | 0.509               |
| 66  | 2651    | 3888   | 129715 | <a href="#">Mavilde LG Pedreira</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | enfermagem   segurança do paciente   cuidados intensivos pediátricos   terapia intravenosa. Grupo de Pesquisa Segtec   | 37      | 20          | 0.541               | 104       | 60          | 0.577               | 4328     | 1808        | 0.418               |
| 812   | 2652    | 3889   | 129771 | <a href="#">Beatriz Appezzato Da Gloria</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant anatomy  | 37      | 22          | 0.595               | 106       | 57          | 0.538               | 4297     | 1939        | 0.451               |
| 153   | 2653    | 3892   | 129900 | <a href="#">Débora Cristina Damasceno</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Embriologia   Diabete   Programação Fetal   Malformações Congênitas   Estresse Oxidativo | 37      | 23          | 0.622               | 106       | 79          | 0.745               | 4249     | 1955        | 0.460               |
| 9   | 2654    | 3893   | 129911 | <a href="#">João Paulo A Almeida</a>            |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">EspíritoSantoBrazil</a><br>Enterprise Modeling   Conceptual Modeling   Model-Driven Design   Applied Ontology   Enterprise Architecture                | 37      | 23          | 0.622               | 100       | 59          | 0.590               | 4242     | 2075        | 0.489               |
| 100   | 2655    | 3895   | 129938 | <a href="#">Alane Beatriz Vermelho</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   biotecnologia   enzimas   bioprodutos   peptidases                                   | 37      | 27          | 0.730               | 99        | 56          | 0.566               | 4227     | 2191        | 0.518               |
| 206   | 2656    | 3896   | 129962 | <a href="#">Susanne Rath</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Food toxicology   Environmental Chemistry   | 37      | 25          | 0.676               | 75        | 47          | 0.627               | 4219     | 1746        | 0.414               |
| 79  | 2657    | 3897   | 129967 | <a href="#">Rodrigo G Stabeli</a>               |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Surveillance   genomic   fevers   nanotechnology   VHH                            | 37      | 26          | 0.703               | 91        | 68          | 0.747               | 4216     | 2047        | 0.486               |
| 813   | 2658    | 3898   | 129973 | <a href="#">Juliana Belo Diniz</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Polfellow</a><br>obsessive compulsive disorder   anxiety disorders   | 37      | 25          | 0.676               | 54        | 41          | 0.759               | 4215     | 1677        | 0.398               |
| 814   | 2659    | 3899   | 129980 | <a href="#">Raymundo Soares De Azevedo Neto</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Pesquisa Clínica   doenças infecciosas   educação médica   estatística médica   modelos matemáticos     | 37      | 18          | 0.486               | 85        | 31          | 0.365               | 4213     | 1258        | 0.299               |
| 815   | 2660    | 3901   | 129987 | <a href="#">Renata Fonseca Vianna Lopez</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacology</a>   | 37      | 24          | 0.649               | 73        | 65          | 0.890               | 4211     | 1922        | 0.456               |
| 51  | 2661    | 3903   | 129996 | <a href="#">Rossana De Aguiar Cordeiro</a>      |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia Médica   Micologia Médica  | 37      | 24          | 0.649               | 102       | 76          | 0.745               | 4205     | 2075        | 0.493               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 816   | 2662    | 3905   | 130039 | <a href="#">Maurício Yonamine</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Toxicology   Forensic Toxicology   Chromatography   Mass Spectrometry | 37      | 23          | 0.622               | 94        | 64          | 0.681               | 4186     | 2195        | 0.524               |
| 24  | 2663    | 3906   | 130051 | <a href="#">Maria Guadalupe Medina</a>      |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">DoSaúColetivBahia</a><br>Saúde coletiva   atenção primária   avaliação de políticas e programas de saúde  | 37      | 31          | 0.838               | 61        | 49          | 0.803               | 4180     | 2736        | 0.655               |
| 2   | 2664    | 3909   | 130119 | <a href="#">Nilo Bazzoli</a>                |  Brazil   | <a href="#">Pontificia Universidade Católica do Minas Gerais</a>       | Reprodução de peixes  | 37      | 21          | 0.568               | 109       | 67          | 0.615               | 4146     | 1703        | 0.411               |
| 66  | 2665    | 3910   | 130138 | <a href="#">Guilherme Barra</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais   | 37      | 27          | 0.730               | 76        | 60          | 0.789               | 4137     | 2084        | 0.504               |
| 817   | 2666    | 3911   | 130155 | <a href="#">Dante Pazzanese Lanna</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição e Crescimento Animal  | 37      | 19          | 0.514               | 101       | 37          | 0.366               | 4129     | 1383        | 0.335               |
| 67  | 2667    | 3912   | 130157 | <a href="#">Claudia Sayer</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Chemical Engineering</a>   | 37      | 23          | 0.622               | 114       | 69          | 0.605               | 4126     | 2149        | 0.521               |
| 154   | 2668    | 3914   | 130161 | <a href="#">Maeli Dal Pai</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia e Plasticidade do Músculo Estriado  | 37      | 23          | 0.622               | 95        | 55          | 0.579               | 4124     | 1741        | 0.422               |
| 101   | 2669    | 3915   | 130162 | <a href="#">Agnes Marie Sá Figueiredo</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology  | 37      | 18          | 0.486               | 76        | 43          | 0.566               | 4124     | 1212        | 0.294               |
| 818   | 2670    | 3916   | 130164 | <a href="#">Pablo Vidal Torrado</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Pedology   Soil Genesis   Soil Micromorphology                              | 37      | 24          | 0.649               | 105       | 76          | 0.724               | 4123     | 2084        | 0.505               |
| 819   | 2671    | 3917   | 130171 | <a href="#">Regina Sousa</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          |   | 37      | 21          | 0.568               | 95        | 44          | 0.463               | 4120     | 1651        | 0.401               |
| 820   | 2672    | 3918   | 130173 | <a href="#">Maria Regina D Império Lima</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia de doenças infecciosas   | 37      | 21          | 0.568               | 80        | 51          | 0.638               | 4119     | 1802        | 0.437               |




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|---|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 128   | 2673    | 3919   | 130204 | <a href="#">Isaias Rms</a>                        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Galls   plant anatomy   histochemistry  | 37      | 27          | 0.730               | 108       | 79          | 0.731               | 4101     | 2389        | 0.583               |
| 821   | 2674    | 3920   | 130208 | <a href="#">Daniela Bazan Palioto</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontal Regeneration  | 37      | 22          | 0.595               | 88        | 65          | 0.739               | 4099     | 1869        | 0.456               |
| 822   | 2675    | 3924   | 130222 | <a href="#">Eduardo Ferriolli</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Clínica Médica Geriátrica</a><br>Envelhecimento   composição corporal   gasto energético   sarcopenia   caquexia                             | 37      | 27          | 0.730               | 92        | 62          | 0.674               | 4091     | 2136        | 0.522               |
| 35  | 2676    | 3925   | 130226 | <a href="#">Otávio T Nóbrega</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Universidade de Brasília</a><br>Geriatrics   Gerontology   Biotechnology   Health and Medical Sciences                                       | 37      | 23          | 0.622               | 91        | 69          | 0.758               | 4090     | 2037        | 0.498               |
| 19  | 2677    | 3927   | 130268 | <a href="#">Flavia Delicato</a>                   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">University</a><br>Internet of Things   Middleware   Adaptive Systems   Edge/Fog Computing   Wireless Sensor Networks                         | 37      | 26          | 0.703               | 108       | 67          | 0.620               | 4064     | 2309        | 0.568               |
| 13  | 2678    | 3928   | 130292 | <a href="#">Sidnei Paciornik</a>                  |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">QMPUCRio</a><br>Digital Microscopy   Image Analysis   Materials Characterization   x-ray microtomography   Machine Learning                  | 37      | 23          | 0.622               | 82        | 54          | 0.659               | 4048     | 1680        | 0.415               |
| 52  | 2679    | 3930   | 130312 | <a href="#">Pedro Marcos Gomes Soares</a>         |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                              | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastrointestinal   Inflamação   Fisiologia   Farmacologia e Morfologia                 | 37      | 29          | 0.784               | 80        | 68          | 0.850               | 4036     | 2492        | 0.617               |
| 53  | 2680    | 3931   | 130320 | <a href="#">Pierre Fechine</a>                    |  Brazil  | <a href="#">Universidade Federal do Ceará</a>                              |  | 37      | 30          | 0.811               | 91        | 75          | 0.824               | 4030     | 2832        | 0.703               |
| 42  | 2681    | 3932   | 130324 | <a href="#">Emerson Del Ponte</a>                 |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                         | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Pathology  | 37      | 27          | 0.730               | 94        | 77          | 0.819               | 4027     | 2417        | 0.600               |
| 823   | 2682    | 3933   | 130356 | <a href="#">Ana Cecília Corrêa Aranha</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Dentística Restauradora   Laser   Erosão dental   Hipersensibilidade dentinária | 37      | 28          | 0.757               | 93        | 79          | 0.849               | 4006     | 2253        | 0.562               |
| 824   | 2683    | 3935   | 130409 | <a href="#">Cláudia Maria De Felício</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Social Sciences / Linguistics and Literature</a><br>Fonoaudiologia   Funções Orofaciais   Sistema Estomatognático   Complexo Craniofacial    | 37      | 22          | 0.595               | 73        | 49          | 0.671               | 3967     | 1802        | 0.454               |
| 825   | 2684    | 3937   | 130494 | <a href="#">Thales De Brito</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Emerito Medicina Universidade São Paulo</a><br>Medicina   Doenças Infecciosas   Doenças Parasitárias   | 37      | 17          | 0.459               | 86        | 24          | 0.279               | 3910     | 768         | 0.196               |
| 21  | 2685    | 3942   | 130548 | <a href="#">Maria Helena Pelegrinelli Fungaro</a> |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Genética   | 37      | 19          | 0.514               | 89        | 46          | 0.517               | 3876     | 1343        | 0.346               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 54  | 2686    | 3944   | 130560 | <a href="#">Marcio Ramos</a>                         |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                 | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plantas laticíferas   | 37      | 22          | 0.595               | 100       | 72          | 0.720               | 3868     | 1781        | 0.460               |
| 34  | 2687    | 3946   | 130609 | <a href="#">Maria Aparecida Barbato Frazão Vital</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Doenças Neurodegenerativas   Psicofarmacologia  | 37      | 22          | 0.595               | 69        | 42          | 0.609               | 3833     | 1535        | 0.400               |
| 826   | 2688    | 3948   | 130620 | <a href="#">Maria Ines Basso Bernardi</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Physics</a><br>Engenharia de Materiais   | 37      | 24          | 0.649               | 80        | 54          | 0.675               | 3826     | 1727        | 0.451               |
| 207   | 2689    | 3949   | 130625 | <a href="#">Cynthia Tabchoury</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>cárie dental   flúor   biofilme dental   carboidratos   | 37      | 22          | 0.595               | 71        | 57          | 0.803               | 3819     | 1488        | 0.390               |
| 129   | 2690    | 3952   | 130636 | <a href="#">Geraldo R Mateus</a>                     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Engineering &amp; Technology / Computer Science</a>   | 37      | 17          | 0.459               | 79        | 28          | 0.354               | 3812     | 1074        | 0.282               |
| 28  | 2691    | 3953   | 130644 | <a href="#">Andrea Monte Alto Costa</a>              |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | Reparo tecidual   cicatrização   pele   | 37      | 22          | 0.595               | 73        | 48          | 0.658               | 3805     | 1378        | 0.362               |
| 68  | 2692    | 3954   | 130649 | <a href="#">Mareni Rocha Farias</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>assistência farmacêutica   saúde pública   políticas públicas   educação farmacêutica | 37      | 28          | 0.757               | 76        | 49          | 0.645               | 3797     | 2308        | 0.608               |
| 20  | 2693    | 3955   | 130663 | <a href="#">Sheila A Teles</a>                       |  Brazil  | <a href="#">Universidade Federal de Goiás UFG</a>             | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Doenças infecciosas   com ênfase em hepatites virais   HIV e outras DST       | 37      | 20          | 0.541               | 105       | 62          | 0.590               | 3783     | 1490        | 0.394               |
| 827   | 2694    | 3957   | 130687 | <a href="#">Carlos Alberto Garófalo</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Etologia e Evolução de Abelhas e Vespas   | 37      | 18          | 0.486               | 92        | 48          | 0.522               | 3765     | 1202        | 0.319               |
| 15  | 2695    | 3958   | 130709 | <a href="#">Disney R Dias</a>                        |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>           | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Fermentation   Microbial Biochemistry   Food Microbiology                                      | 37      | 29          | 0.784               | 72        | 66          | 0.917               | 3746     | 2505        | 0.669               |
| 828   | 2696    | 3960   | 130729 | <a href="#">Maria Eugênia Costa Queiroz</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Técnicas cromatográficas   técnicas de preparo de amostras  | 37      | 23          | 0.622               | 80        | 56          | 0.700               | 3723     | 1659        | 0.446               |
| 35  | 2697    | 3961   | 130749 | <a href="#">César De Castro Martins</a>              |  Brazil | <a href="#">Universidade Federal do Paraná</a>                | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geoquímica orgânica e Poluição Marinha   | 37      | 26          | 0.703               | 85        | 75          | 0.882               | 3710     | 2022        | 0.545               |
| 829   | 2698    | 3962   | 130757 | <a href="#">Mauricio Roberto Cherubin</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">SuperiorAgriculturLuizQueiroz</a><br>Soil management   Soil quality   Soil Health   Soil C sequestration   Ecosystem services                                     | 37      | 35          | 0.946               | 84        | 76          | 0.905               | 3704     | 3308        | 0.893               |





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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 29  | 2699    | 3963   | 130779 | <a href="#">Ana Luíza De Mattos Guaraldi</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>       | <a href="#">ASSOCIADDDISCIPLINMICROBIOLOGIEIMUNOLOGIAê!</a><br>MICROBIOLOGIA   BACTERIOLOGIA   BIOLOGIA CELULAR E MOLECULAR   GENÉTICA   SAÚDE PÚBLICA                     | 37      | 20          | 0.541               | 98        | 64          | 0.653               | 3684     | 1550        | 0.421               |
| 21  | 2700    | 3964   | 130786 | <a href="#">Anaclara Ferreira Veiga Tipple</a>           |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                   | <a href="#">dUniversidGoiás</a><br>Prevenção e controle de infecção em serviços de saúde   Processamento de Produtos para a saúde   Risco biológico e medidas              | 37      | 20          | 0.541               | 89        | 51          | 0.573               | 3675     | 1401        | 0.381               |
| 33  | 2701    | 3965   | 130802 | <a href="#">Cristina Giatti Marques De Souza</a>         |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica de microrganismos   | 37      | 25          | 0.676               | 67        | 52          | 0.776               | 3658     | 1706        | 0.466               |
| 208   | 2702    | 3967   | 130846 | <a href="#">Jose Roberto Trigo</a>                       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Ecologia Química   Interações entre Plantas e Insetos  | 37      | 18          | 0.486               | 78        | 40          | 0.513               | 3599     | 1205        | 0.335               |
| 30  | 2703    | 3968   | 130855 | <a href="#">José Lailson Brito Junior</a>                |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>       | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia Biológica   Ecotoxicologia   Ecologia Marinha   Mamíferos Marinhos   Nécton | 37      | 24          | 0.649               | 76        | 58          | 0.763               | 3583     | 1812        | 0.506               |
| 13  | 2704    | 3969   | 130861 | <a href="#">Sergiane Caldas</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   preparo de amostras   técnicas cromatograficas   | 37      | 28          | 0.757               | 83        | 70          | 0.843               | 3574     | 2253        | 0.630               |
| 55  | 2705    | 3971   | 130908 | <a href="#">Vania Mm Melo</a>                            |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                       | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia microbiana   biotecnologia   | 37      | 26          | 0.703               | 70        | 48          | 0.686               | 3506     | 1679        | 0.479               |
| 830   | 2706    | 3973   | 131005 | <a href="#">Christianne Elisabete Da Costa Rodrigues</a> |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Processos de Separação   Extração   Termodinâmica   Equilíbrio de Fases                     | 37      | 24          | 0.649               | 65        | 55          | 0.846               | 3003     | 1825        | 0.608               |
| 831   | 2707    | 3976   | 131117 | <a href="#">Sergio Miceli</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                       | <a href="#">Social Sciences / Sociology</a><br>Sociologia da cultura   Sociologia dos intelectuais   Sociologia da arte  | 36      | 22          | 0.611               | 59        | 33          | 0.559               | 19429    | 4998        | 0.257               |
| 80  | 2708    | 3977   | 131182 | <a href="#">José Henrique Pilotto</a>                    |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                               | <a href="#">Médico Infectologista (Pesquisador)</a><br>Medicina  | 36      | 25          | 0.694               | 82        | 55          | 0.671               | 16324    | 7436        | 0.456               |
| 209   | 2709    | 3981   | 131384 | <a href="#">Marilda Mazzali</a>                          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>           | <a href="#">MedicinNefrologiFCMUNICAMP</a><br>transplante renal  | 36      | 21          | 0.583               | 61        | 39          | 0.639               | 11880    | 2940        | 0.247               |
| 2   | 2710    | 3982   | 131422 | <a href="#">Antonio Carlos Godinho Dos Santos</a>        |  Brazil | <a href="#">Pontificia Universidade Catolica de Goiás PUC Goiás</a> | <a href="#">Social Sciences / Psychology</a><br>Controle de estímulos   Psicologia Experimental  | 36      | 21          | 0.583               | 126       | 57          | 0.452               | 11545    | 4579        | 0.397               |








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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 2711    | 3984   | 131515 | <a href="#">Luciola da Cunha Menezes Costa</a>     |  Brazil   | <a href="#">Universidade Cidade de São Paulo UNICID</a>                | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Reabilitação   Dor Lombar   Epidemiologia   | 36      | 32          | 0.889               | 65        | 55          | 0.846               | 10480    | 8463        | 0.808               |
| 43  | 2712    | 3985   | 131578 | <a href="#">Robert Barreto</a>                     |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | fungi   mycology   taxonomy   biological control   weeds   | 36      | 23          | 0.639               | 109       | 50          | 0.459               | 9937     | 5387        | 0.542               |
| 155   | 2713    | 3986   | 131579 | <a href="#">Newton Duarte</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Social Sciences / Psychology</a><br>Educação   marxismo   teorias pedagógicas   pedagogia histórico-crítica   psicologia histórico-cultural  | 36      | 26          | 0.722               | 56        | 49          | 0.875               | 9930     | 3833        | 0.386               |
| 9   | 2714    | 3987   | 131617 | <a href="#">Fernanda Marciano Consolim Colombo</a> |  Brazil   | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">NoveJulho</a><br>Saúde   Cardiologia   | 36      | 26          | 0.722               | 97        | 57          | 0.588               | 9665     | 3987        | 0.413               |
| 81  | 2715    | 3989   | 131619 | <a href="#">Marcos Cueto</a>                       |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz</a><br>History of Science   History of Medicine   Historia de la Medicina   História da Saúde   Latin American History | 36      | 23          | 0.639               | 86        | 50          | 0.581               | 9658     | 3671        | 0.380               |
| 832   | 2716    | 3990   | 131676 | <a href="#">Marta Angélica Iossi Silva</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |  | 36      | 31          | 0.861               | 132       | 90          | 0.682               | 9335     | 7594        | 0.813               |
| 19  | 2717    | 3991   | 131720 | <a href="#">Francisco Cribari Neto</a>             |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Economics &amp; Econometrics / Economics</a><br>Econometrics   Mathematical Statistics   Applied Statistics   Statistical Computing          | 36      | 22          | 0.611               | 94        | 47          | 0.500               | 9107     | 4588        | 0.504               |
| 833   | 2718    | 3993   | 131776 | <a href="#">Jackson Cioni Bittencourt</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Anatomy</a><br>Neurociências   | 36      | 22          | 0.611               | 82        | 49          | 0.598               | 8879     | 2425        | 0.273               |
| 156   | 2719    | 3997   | 131981 | <a href="#">Meire França Martinez</a>              |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia   desregulação endócrina  | 36      | 20          | 0.556               | 128       | 50          | 0.391               | 8098     | 2722        | 0.336               |
| 834   | 2720    | 3998   | 131986 | <a href="#">Taran Grant</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Amphibians   systematics   ecology   chemical defense  | 36      | 25          | 0.694               | 80        | 62          | 0.775               | 8089     | 2868        | 0.355               |
| 49  | 2721    | 3999   | 131990 | <a href="#">Luiz Gustavo Ribeiro Pereira</a>       |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a><br>Precision Dairy Farming   | 36      | 30          | 0.833               | 132       | 89          | 0.674               | 8074     | 6195        | 0.767               |
| 10  | 2722    | 4000   | 132042 | <a href="#">Jose Rocha Faria Neto</a>              |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>       | <a href="#">ParCuritibaPR</a><br>Atherosclerosis   Hyperlipidemia   Cardiovascular Risk   Myocardial Infarction   Covid19                                | 36      | 28          | 0.778               | 67        | 53          | 0.791               | 7934     | 4649        | 0.586               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 157   | 2723    | 4001   | 132074 | <a href="#">João Domingos Rodrigues</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia vegetal  | 36      | 22          | 0.611               | 201       | 82          | 0.408               | 7803     | 3322        | 0.426               |
| 835   | 2724    | 4003   | 132226 | <a href="#">Márcia Aparecida Ferreira De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">álcool e outras drogas saúmental reabilitaÃ§ão psicossocial </a><br>álcool e outras drogas   saúde mental   reabilitação psicossocial   | 36      | 25          | 0.694               | 132       | 74          | 0.561               | 7440     | 4669        | 0.628               |
| 102   | 2725    | 4005   | 132263 | <a href="#">João Pacheco De Oliveira</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Social Sciences / Anthropology</a><br>antropologia histórica   teoria antropológica   etnicidade  | 36      | 21          | 0.583               | 102       | 53          | 0.520               | 7367     | 2820        | 0.383               |
| 210   | 2726    | 4006   | 132267 | <a href="#">Paulo Dalgalarondo</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry  | 36      | 21          | 0.583               | 86        | 44          | 0.512               | 7360     | 2431        | 0.330               |
| 22  | 2727    | 4007   | 132296 | <a href="#">Vanessa Suziane Probst</a>                |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Rehabilitation   Physiotherapy   | 36      | 28          | 0.778               | 58        | 46          | 0.793               | 7314     | 2985        | 0.408               |
| 2   | 2728    | 4009   | 132318 | <a href="#">José Angel Alvarez Perez</a>              |  Brazil   | <a href="#">Universidade do Vale do Itajaí UNIVALI</a>                 | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia   Biodiversidade marinha   Oceano Profundo   | 36      | 21          | 0.583               | 203       | 61          | 0.300               | 7276     | 2732        | 0.375               |
| 130   | 2729    | 4010   | 132334 | <a href="#">João Renato Stehmann</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Sistemática Vegetal   Taxonomia Vegetal  | 36      | 24          | 0.667               | 96        | 60          | 0.625               | 7250     | 3757        | 0.518               |
| 34  | 2730    | 4011   | 132481 | <a href="#">Vitor De Cinque Almeida</a>               |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Ambiental   Química de Materiais  | 36      | 33          | 0.917               | 73        | 62          | 0.849               | 7017     | 5234        | 0.746               |
| 35  | 2731    | 4012   | 132520 | <a href="#">Ricardo Pereira Ribeiro</a>               |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética de Peixes   reprodução de peixes   produção de peixes   tilápias   peixes amazônicos                                  | 36      | 25          | 0.694               | 166       | 85          | 0.512               | 6960     | 4481        | 0.644               |
| 36  | 2732    | 4013   | 132544 | <a href="#">Ricardo B Machado</a>                     |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de Paisagens   Biologia da Conservação   Ornitologia  | 36      | 29          | 0.806               | 76        | 53          | 0.697               | 6914     | 3168        | 0.458               |
| 836   | 2733    | 4016   | 132590 | <a href="#">Agma JM Traina</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a><br>recuperação de imagens baseada em conteúdo   métodos de acesso métricos   imagens médicas   consultas por similaridade   extração de características de imagens | 36      | 19          | 0.528               | 154       | 45          | 0.292               | 6867     | 2032        | 0.296               |
| 158   | 2734    | 4018   | 132683 | <a href="#">Rogerio Rosenfeld</a>                     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Física das Partículas Elementares   Cosmologia  | 36      | 26          | 0.722               | 88        | 52          | 0.591               | 6753     | 3315        | 0.491               |

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| University  | Country | Region | World  | Name                                     | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 2735    | 4019   | 132693 | <a href="#">José Marques De Melo</a>     |  Brazil   | <a href="#">Universidade Metodista de São Paulo</a>                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Comunicação   Jornalismo   Teorias da Comunicação   Teorias do Jornalismo   Pensamento Comunicacional           | 36      | 18          | 0.500               | 131       | 35          | 0.267               | 6744     | 1718        | 0.255               |
| 8   | 2736    | 4021   | 132738 | <a href="#">Fernanda Tovar Moll</a>      |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                       | <a href="#">MD, PhD, D'Or Institute for Research and Education (IDOR)</a><br>Neuroimaging   MRI   neuroplasticity   neurodegeneration  | 36      | 31          | 0.861               | 75        | 63          | 0.840               | 6689     | 4336        | 0.648               |
| 20  | 2737    | 4023   | 132760 | <a href="#">Alfredo Mayall Simas</a>     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Computational Chemistry   Lanthanide Complexes   Semiempirical Models  | 36      | 16          | 0.444               | 98        | 29          | 0.296               | 6656     | 1464        | 0.220               |
| 837   | 2738    | 4024   | 132786 | <a href="#">Francisco Cruz</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleoclimatologia   Geoquímica Isotópica   Geologia do Quaternário   espeleotemas   Geologia de Terrenos Cárstico | 36      | 33          | 0.917               | 72        | 65          | 0.903               | 6621     | 4109        | 0.621               |
| 23  | 2739    | 4026   | 132897 | <a href="#">Suzana Mali</a>              |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      |  | 36      | 31          | 0.861               | 76        | 67          | 0.882               | 6482     | 3345        | 0.516               |
| 159   | 2740    | 4028   | 132934 | <a href="#">Roberval Daiton Vieira</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Produção de Alimentos Vegetal</a><br>Produção e tecnologia de sementes   | 36      | 19          | 0.528               | 103       | 51          | 0.495               | 6439     | 1768        | 0.275               |
| 838   | 2741    | 4030   | 132953 | <a href="#">Marcia Bitondi</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Insect Developmental Biology   Insect Molecular Biology   Insect Endocrine Physiology                                     | 36      | 23          | 0.639               | 63        | 47          | 0.746               | 6409     | 2124        | 0.331               |
| 839   | 2742    | 4033   | 133041 | <a href="#">Marina Vieira Da Silva</a>   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">ESALQ</a><br>análise nutricional de populações e segurança alimentar e nutricional   | 36      | 20          | 0.556               | 116       | 42          | 0.362               | 6309     | 2491        | 0.395               |
| 119   | 2743    | 4035   | 133097 | <a href="#">Fatima Menezes Bento</a>     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Microbiologia do Petróleo   Biodeterioração   Combustíveis   Biocombustíveis   | 36      | 30          | 0.833               | 68        | 51          | 0.750               | 6251     | 2656        | 0.425               |
| 103   | 2744    | 4037   | 133125 | <a href="#">Marco Aurelio Dos Santos</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>energy  | 36      | 25          | 0.694               | 112       | 58          | 0.518               | 6222     | 2836        | 0.456               |
| 840   | 2745    | 4038   | 133148 | <a href="#">Marcus Vinicius Simoes</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   cardiologia nuclear   insuficiência cardíaca   miocardiopatia  | 36      | 26          | 0.722               | 81        | 51          | 0.630               | 6199     | 2616        | 0.422               |
| 21  | 2746    | 4040   | 133187 | <a href="#">Oliveira JRM</a>             |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Neurology   Psychiatry   | 36      | 22          | 0.611               | 85        | 47          | 0.553               | 6157     | 2437        | 0.396               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 841   | 2747    | 4041   | 133193 | <a href="#">Francisco Antonio Rocco Lahr</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Estruturas de Madeira   Compósitos à Base de Madeira   Painéis  | 36      | 28          | 0.778               | 184       | 120         | 0.652               | 6151     | 3746        | 0.609               |
| 24  | 2748    | 4042   | 133198 | <a href="#">Edna Maria Vissoei Reiche</a>    |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Clinical Immunology Molecular Diagnosis Genetic variants Multiple Sclerosis Ischemic stroke </a><br>Clinical Immunology   Molecular Diagnosis   Genetic variants   Multiple Sclerosis   Ischemic stroke | 36      | 26          | 0.722               | 104       | 72          | 0.692               | 6148     | 2975        | 0.484               |
| 1   | 2749    | 4043   | 133201 | <a href="#">Antonio Ronaldo Gomes Garcia</a> |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFERSA</a>             | <a href="#">RuralSemi-Árido</a><br>Análise Matemática EDO e EDP   | 36      | 22          | 0.611               | 125       | 52          | 0.416               | 6147     | 3180        | 0.517               |
| 67  | 2750    | 4044   | 133203 | <a href="#">Richard Miskolci</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Social Sciences / Sociology</a><br>teoria queer   sexualidade   gênero   saúde   mídias digitais  | 36      | 29          | 0.806               | 58        | 48          | 0.828               | 6144     | 3575        | 0.582               |
| 68  | 2751    | 4045   | 133210 | <a href="#">Paulo Caleb JI Santos</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a>  | 36      | 27          | 0.750               | 98        | 77          | 0.786               | 6135     | 4232        | 0.690               |
| 24  | 2752    | 4048   | 133365 | <a href="#">Fernando Gehm Moraes</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Networks on Chip   Embedded Systems   Multicore Architectures   Hardware Accelerators for ML   Security  | 36      | 14          | 0.389               | 123       | 39          | 0.317               | 6009     | 1317        | 0.219               |
| 4   | 2753    | 4049   | 133369 | <a href="#">Moacir Fernandes De Godoy</a>    |  Brazil  | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>       | <a href="#">Medical and Health Sciences / Cardiology</a><br>Teoria do Caos   Complexidade   Variabilidade da Frequencia Cardiaca   Cardiologia  | 36      | 24          | 0.667               | 105       | 56          | 0.533               | 6007     | 2721        | 0.453               |
| 211   | 2754    | 4051   | 133411 | <a href="#">Elza Muscelli</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | Diabetes   obesity   insulin secretion   insulin action   | 36      | 20          | 0.556               | 55        | 33          | 0.600               | 5969     | 2251        | 0.377               |
| 104   | 2755    | 4053   | 133427 | <a href="#">Luis Tavares</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">RioJaneiro</a><br>processamento mineral   modelagem   simulação   | 36      | 29          | 0.806               | 86        | 75          | 0.872               | 5951     | 3605        | 0.606               |
| 50  | 2756    | 4054   | 133434 | <a href="#">Marcelo F. Simon</a>             |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Embrapa</a><br>Biodiversity   Systematics   Evolution   Leguminosae   Conservation  | 36      | 31          | 0.861               | 66        | 59          | 0.894               | 5948     | 3652        | 0.614               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 842   | 2757    | 4055   | 133444 | <a href="#">Rosmeri Porfírio Da Rocha</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Ciências Atmosféricas   meteorologia   climatologia   modelagem numérica da atmosfera | 36      | 31          | 0.861               | 78        | 68          | 0.872               | 5938     | 3426        | 0.577               |
| 69  | 2758    | 4056   | 133451 | <a href="#">Cristina Muccioli</a>                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Retina   Uveitis   Infection   Ocular Surgery   AIDS   | 36      | 23          | 0.639               | 115       | 57          | 0.496               | 5930     | 2071        | 0.349               |
| 843   | 2759    | 4057   | 133460 | <a href="#">Henrique De Melo Jorge Barbosa</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Clouds   Aerosols   Amazon   Lidar   Atmospheric Modeling  | 36      | 33          | 0.917               | 58        | 49          | 0.845               | 5924     | 3614        | 0.610               |
| 44  | 2760    | 4058   | 133475 | <a href="#">Paulo Stringheta</a>                 |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciencia e tecnologia de alimentos   | 36      | 25          | 0.694               | 99        | 64          | 0.646               | 5912     | 2851        | 0.482               |
| 160   | 2761    | 4060   | 133521 | <a href="#">Maria Encarnação Beltrão Sposito</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Geography</a><br>Geografia Urbana   Geografia Econômica   | 36      | 24          | 0.667               | 67        | 48          | 0.716               | 5875     | 2327        | 0.396               |
| 844   | 2762    | 4063   | 133538 | <a href="#">Diana Gonçalves Vidal</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>history of education   school culture   New Education   Transnational history   gender.   | 36      | 19          | 0.528               | 96        | 48          | 0.500               | 5866     | 1997        | 0.340               |
| 48  | 2763    | 4065   | 133549 | <a href="#">Julio Zukerman Schpector</a>         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">SaoCarlos</a>  | 36      | 18          | 0.500               | 158       | 40          | 0.253               | 5851     | 1454        | 0.249               |
| 70  | 2764    | 4067   | 133593 | <a href="#">Gilmar Fernandes Do Prado</a>        |  Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurology - Clinical Neurophysiology - Restless Legs Syndrome - Sleep Breathing Disorders - Insomnia                | 36      | 25          | 0.694               | 114       | 61          | 0.535               | 5816     | 2362        | 0.406               |
| 212   | 2765    | 4068   | 133597 | <a href="#">Pedro Manoel Moraes Vieira</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>immunometabolism   immunology   endocrinology   metabolism   | 36      | 32          | 0.889               | 57        | 54          | 0.947               | 5814     | 4347        | 0.748               |
| 105   | 2766    | 4070   | 133636 | <a href="#">Ismar De Souza Carvalho</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleontology   Geology   Ichnology  | 36      | 25          | 0.694               | 168       | 81          | 0.482               | 5782     | 2599        | 0.449               |
| 36  | 2767    | 4071   | 133653 | <a href="#">Marcelo Beltrão Molento</a>          |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary parasitology   Epidemiologia   Parasite control   Controle de Parasitas   drug resistance      | 36      | 27          | 0.750               | 101       | 71          | 0.703               | 5773     | 2478        | 0.429               |
| 845   | 2768    | 4072   | 133664 | <a href="#">Rodrigo Cardoso De Oliveira</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   | 36      | 28          | 0.778               | 118       | 77          | 0.653               | 5768     | 3566        | 0.618               |











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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 36  | 2769    | 4073   | 133682 | <a href="#">Rubem Silvério De Oliveira Jr</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>             | <a href="#">DasPlantasDaninhas</a><br>Herbicidas   manejo de plantas daninhas   resistência   | 36      | 24          | 0.667               | 146       | 81          | 0.555               | 5752     | 2656        | 0.462               |
| 106   | 2770    | 4074   | 133709 | <a href="#">Luiz Fernando Dias Duarte</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>       | <a href="#">Social Sciences / Anthropology</a><br>antropologia   filosofia   psicanálise   história   sociologia                          | 36      | 20          | 0.556               | 82        | 41          | 0.500               | 5738     | 1396        | 0.243               |
| 3   | 2771    | 4075   | 133742 | <a href="#">Fernando Z Vaz De Mello</a>       |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>          | taxonomia dos grupos recentes   biogeografia   Coleoptera Scarabaeoidea   | 36      | 27          | 0.750               | 107       | 71          | 0.664               | 5717     | 3566        | 0.624               |
| 2   | 2772    | 4077   | 133803 | <a href="#">Renata Lima</a>                   |  Brazil   | <a href="#">Universidade de Sorocaba</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Biotecnologia   Nanotecnologia   Nanotoxicologia   Genética   Biologia Molecular | 36      | 33          | 0.917               | 75        | 61          | 0.813               | 5675     | 4187        | 0.738               |
| 846   | 2773    | 4078   | 133826 | <a href="#">Marcos Veiga Dos Santos</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                | Milk Quality   Bovine Mastitis Control   Dairy Cow Nutrition  | 36      | 25          | 0.694               | 99        | 65          | 0.657               | 5659     | 2502        | 0.442               |
| 56  | 2774    | 4079   | 133837 | <a href="#">Nogueira Nap</a>                  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular e Microbiologia                                 | 36      | 18          | 0.500               | 69        | 34          | 0.493               | 5649     | 1157        | 0.205               |
| 213   | 2775    | 4080   | 133868 | <a href="#">Claudio Alexandre Gobatto</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>    | <a href="#">CampinasUNICAMP</a><br>Fisiologia do Exercício - Treinamento Desportivo   | 36      | 22          | 0.611               | 118       | 64          | 0.542               | 5630     | 2156        | 0.383               |
| 847   | 2776    | 4083   | 133887 | <a href="#">Antonio José Felix Carvalho</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Materiais   polímeros                           | 36      | 23          | 0.639               | 76        | 53          | 0.697               | 5616     | 2375        | 0.423               |
| 2   | 2777    | 4084   | 133891 | <a href="#">Alessandro Leite Cavalcanti</a>   |  Brazil | <a href="#">Universidade Estadual da Paraíba UEPB</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Odontopediatria   Saúde Pública   Pediatric Dentistry            | 36      | 22          | 0.611               | 161       | 83          | 0.516               | 5611     | 2587        | 0.461               |
| 848   | 2778    | 4090   | 134012 | <a href="#">Hermano Tavares</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   Impulse Control Disorders   Primary Care   Gambling              | 36      | 24          | 0.667               | 92        | 68          | 0.739               | 5537     | 2164        | 0.391               |
| 3   | 2779    | 4091   | 134022 | <a href="#">Roberta Tarkany Basting</a>       |  Brazil | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental bleaching   Dental Materials  | 36      | 23          | 0.639               | 106       | 67          | 0.632               | 5524     | 2352        | 0.426               |
| 849   | 2780    | 4092   | 134113 | <a href="#">Luiz Gonzaga Tone</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   Onco-Hematologia Pediátrica                      | 36      | 21          | 0.583               | 135       | 67          | 0.496               | 5464     | 1993        | 0.365               |
| 57  | 2781    | 4093   | 134122 | <a href="#">Ana Karina Bezerra Pinheiro</a>   |  Brazil | <a href="#">Universidade Federal do Ceará</a>                | <a href="#">EnfermagemCeará</a><br>Enfermagem   Vulnerabilidades   Saúde sexual e reprodutiva   | 36      | 25          | 0.694               | 149       | 79          | 0.530               | 5458     | 2664        | 0.488               |




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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 12  | 2782    | 4094   | 134127 | <a href="#">Neusa Hamada</a>                    |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Insetos aquáticos   taxonomia   diversidade   impacto ambiental   popularização da ciência   | 36      | 25          | 0.694               | 135       | 65          | 0.481               | 5456     | 2842        | 0.521               |
| 131   | 2783    | 4095   | 134151 | <a href="#">Luiz Fm Vieira</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Networks   Algorithms   Wireless Sensor Networks   Underwater Networks   Embedded Systems                         | 36      | 26          | 0.722               | 82        | 71          | 0.866               | 5442     | 3145        | 0.578               |
| 107   | 2784    | 4097   | 134167 | <a href="#">Angelo Maiolino</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology   Stem Cell Transplant   | 36      | 25          | 0.694               | 74        | 51          | 0.689               | 5437     | 2403        | 0.442               |
| 22  | 2785    | 4098   | 134199 | <a href="#">Paulo Borba</a>                     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Programming Languages   | 36      | 18          | 0.500               | 113       | 29          | 0.257               | 5423     | 1122        | 0.207               |
| 20  | 2786    | 4100   | 134233 | <a href="#">Joemir Ronaldo Lugon</a>            |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">universidadefederal</a><br>doença renal   | 36      | 22          | 0.611               | 91        | 58          | 0.637               | 5406     | 2480        | 0.459               |
| 37  | 2787    | 4102   | 134249 | <a href="#">Marcos Luciano Bruschi</a>          |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacotécnica   tecnologia farmacêutica   físico-farmácia   farmácia   ciências farmacêuticas                                  | 36      | 31          | 0.861               | 99        | 86          | 0.869               | 5398     | 3864        | 0.716               |
| 37  | 2788    | 4103   | 134253 | <a href="#">Claudio Jose Barros De Carvalho</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomology   Biogeography   taxonomy  | 36      | 21          | 0.583               | 108       | 48          | 0.444               | 5395     | 2217        | 0.411               |
| 82  | 2789    | 4105   | 134314 | <a href="#">Thiago Moreno L. Souza</a>          |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fiocruz</a><br>virology   biochemistry   molecular biology   drug Discovery   pathogenesis  | 36      | 30          | 0.833               | 73        | 60          | 0.822               | 5363     | 4003        | 0.746               |
| 850   | 2790    | 4107   | 134433 | <a href="#">Debora Befi Lopes</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Linguistics and Literature</a><br>Fonoaudiologia   Linguagem infantil   aquisição de linguagem   Distúrbio Especifico de Linguagem   Alteração Especifica de Li | 36      | 19          | 0.528               | 115       | 37          | 0.322               | 5292     | 1421        | 0.269               |
| 2   | 2791    | 4108   | 134441 | <a href="#">Maria Lúcia Rosa Rossetti</a>       |  Brazil | <a href="#">Universidade Luterana do Brasil ULBRA</a>                  |   | 36      | 20          | 0.556               | 81        | 43          | 0.531               | 5287     | 1483        | 0.280               |
| 120   | 2792    | 4109   | 134450 | <a href="#">Fernanda Lima Kastensmidt</a>       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>tolerância a falhas   radiação   arquitetura programável   | 36      | 24          | 0.667               | 130       | 77          | 0.592               | 5284     | 2087        | 0.395               |
| 161   | 2793    | 4110   | 134465 | <a href="#">Neuza Jorge</a>                     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos  | 36      | 25          | 0.694               | 101       | 56          | 0.554               | 5277     | 2507        | 0.475               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 851   | 2794    | 4111   | 134501 | <a href="#">Denise Maria Avancini Costa Malheiros</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">RenalPathology</a><br>Renal Pathology   Chronic Kidney Disease  | 36      | 21          | 0.583               | 74        | 49          | 0.662               | 5263     | 1868        | 0.355               |
| 214   | 2795    | 4112   | 134516 | <a href="#">Ana Lúcia Tasca Gois Ruiz</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia de Plantas medicinais  | 36      | 31          | 0.861               | 125       | 96          | 0.768               | 5256     | 3537        | 0.673               |
| 108   | 2796    | 4113   | 134541 | <a href="#">Joao Fragoso</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">History, Philosophy, Theology / History</a><br>História   | 36      | 21          | 0.583               | 52        | 38          | 0.731               | 5247     | 1463        | 0.279               |
| 2   | 2797    | 4114   | 134556 | <a href="#">Flávio André Pavan</a>                    |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 36      | 29          | 0.806               | 57        | 40          | 0.702               | 5240     | 2480        | 0.473               |
| 852   | 2798    | 4115   | 134580 | <a href="#">Gherhardt Ribatski</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>transferência de calor   escoamento bifásico   | 36      | 28          | 0.778               | 75        | 61          | 0.813               | 5229     | 2545        | 0.487               |
| 21  | 2799    | 4116   | 134615 | <a href="#">Marcelo Sarandy</a>                       |  Brazil   | <a href="#">Universidade Federal Fluminense</a>             | <a href="#">Natural Sciences / Physics</a>  | 36      | 22          | 0.611               | 65        | 42          | 0.646               | 5207     | 1678        | 0.322               |
| 215   | 2800    | 4117   | 134624 | <a href="#">Edmundo Capelas De Oliveira</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Mathematics</a><br>Cálculo Fracionário   | 36      | 30          | 0.833               | 76        | 56          | 0.737               | 5203     | 3957        | 0.761               |
| 23  | 2801    | 4118   | 134638 | <a href="#">Paulo Romero Martins Maciel</a>           |  Brazil  | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">UniversidPernambuco</a><br>Performance   Reliability   Availability   cloud computing   #modcs  | 36      | 26          | 0.722               | 141       | 75          | 0.532               | 5197     | 2513        | 0.484               |
| 853   | 2802    | 4120   | 134670 | <a href="#">Carlos AM Dos Santos</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Condutores e supercondutores anisotrópicos  | 36      | 16          | 0.444               | 140       | 46          | 0.329               | 5181     | 1648        | 0.318               |
| 854   | 2803    | 4123   | 134834 | <a href="#">Helder Louvandini</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSao Paulo</a><br>ruminantes  | 36      | 26          | 0.722               | 112       | 75          | 0.670               | 5110     | 2590        | 0.507               |
| 855   | 2804    | 4124   | 134862 | <a href="#">Aline Maria Da Silva</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia Molecular   Genômica de Bactérias e Fagos   | 36      | 18          | 0.500               | 53        | 31          | 0.585               | 5100     | 1417        | 0.278               |
| 38  | 2805    | 4125   | 134875 | <a href="#">Marcelo Moreira Cavalcanti</a>            |  Brazil | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Natural Sciences / Mathematics</a><br>partial differential equations   equations on manifolds   control and stabilization of distributed systems      | 36      | 23          | 0.639               | 71        | 51          | 0.718               | 5094     | 2130        | 0.418               |
| 51  | 2806    | 4127   | 134899 | <a href="#">Ieda De Carvalho Mendes</a>               |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Pesquisadora da Embrapa Cerrados</a><br>Microbiologia do solo   saúde do solo   fixação biológica de nitrogenio   bioindicadores de qualidade do solo | 36      | 26          | 0.722               | 79        | 49          | 0.620               | 5088     | 2154        | 0.423               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 2807    | 4130   | 134995 | <a href="#">Ygor Arzeno Ferrão</a>          |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   Neurociências   Transtorno Obsessivo-Compulsivo   Ansiedade   Neuromodulação   | 36      | 26          | 0.722               | 77        | 59          | 0.766               | 5048     | 2243        | 0.444               |
| 52  | 2808    | 4132   | 135020 | <a href="#">Eliane Gonçalves Gomes</a>      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Researcher, Brazilian Agricultural Research Corporation (Embrapa)</a><br>Data Envelopment Analysis   Multicriteria   Agriculture   | 36      | 18          | 0.500               | 93        | 39          | 0.419               | 5038     | 1558        | 0.309               |
| 856   | 2809    | 4133   | 135024 | <a href="#">Vitor Marcel Faça</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Cancer Biomarkers   Metastasis   Proteomics  | 36      | 19          | 0.528               | 64        | 41          | 0.641               | 5036     | 1477        | 0.293               |
| 69  | 2810    | 4136   | 135095 | <a href="#">Ruy Exel</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                      | <a href="#">Natural Sciences / Mathematics</a><br>Operator Algebras  | 36      | 21          | 0.583               | 81        | 47          | 0.580               | 5007     | 1780        | 0.356               |
| 857   | 2811    | 4137   | 135164 | <a href="#">Attilio Cucchieri</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Physics</a>   | 36      | 15          | 0.417               | 68        | 22          | 0.324               | 4973     | 953         | 0.192               |
| 132   | 2812    | 4138   | 135165 | <a href="#">Frederico Gadelha Guimarães</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Artificial intelligence   machine learning   optimization   evolutionary computation   time series forecasting | 36      | 28          | 0.778               | 106       | 67          | 0.632               | 4972     | 3275        | 0.659               |
| 8   | 2813    | 4139   | 135167 | <a href="#">Ricardo Freire</a>              |  Brazil  | <a href="#">Universidade Federal de Sergipe UFS</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Theoretical Chemistry   Lanthanide   Luminescence  | 36      | 20          | 0.556               | 89        | 48          | 0.539               | 4971     | 1773        | 0.357               |
| 8   | 2814    | 4140   | 135181 | <a href="#">Lucia Campos Pellanda</a>       |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Pediatric Cardiology</a><br>Research Methodology   Prevention   Pediatric cardiology   Medical Education   | 36      | 25          | 0.694               | 105       | 82          | 0.781               | 4966     | 3250        | 0.654               |
| 858   | 2815    | 4141   | 135186 | <a href="#">Fabio Luis De Souza Duran</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Ciência da Computação   Processamento de Imagem   Computação Gráfica   Neuroimagem  | 36      | 25          | 0.694               | 74        | 60          | 0.811               | 4964     | 2921        | 0.588               |
| 37  | 2816    | 4142   | 135199 | <a href="#">Marcel Bursztyn</a>             |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                     | Sustainable development   public policies   ethics   environmental sciences   interdisciplinarity  | 36      | 23          | 0.639               | 82        | 53          | 0.646               | 4959     | 1907        | 0.385               |
| 3   | 2817    | 4144   | 135246 | <a href="#">Francisco Rosa Neto</a>         |  Brazil | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>                   | Motor development   Movement Disorders   child development   | 36      | 20          | 0.556               | 114       | 60          | 0.526               | 4942     | 2023        | 0.409               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 2818    | 4145   | 135247 | <a href="#">Rogério Pereira Bastos</a>        |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | Herpetologia   Comportamento Animal   Zoologia   | 36      | 21          | 0.583               | 100       | 66          | 0.660               | 4942     | 1840        | 0.372               |
| 133   | 2819    | 4147   | 135293 | <a href="#">Eduardo Figueiredo</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Software Metrics   Empirical Software Engineering  | 36      | 22          | 0.611               | 83        | 48          | 0.578               | 4925     | 1853        | 0.376               |
| 859   | 2820    | 4148   | 135296 | <a href="#">Sergio Pascholati</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Disease Physiology and Biochemistry   Induced disease resistance in plants   Biological control of plant pathogens                     | 36      | 22          | 0.611               | 100       | 48          | 0.480               | 4923     | 1881        | 0.382               |
| 109   | 2821    | 4149   | 135362 | <a href="#">Robson Q Monteiro</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cancer biology and metastasis   thrombosis   blood clotting and platelets   neutrophil extracellular traps   extracellular vesicles | 36      | 23          | 0.639               | 89        | 56          | 0.629               | 4894     | 2155        | 0.440               |
| 860   | 2822    | 4150   | 135384 | <a href="#">Flavia Rossi</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">H.dasClinicas</a><br>Microbiologia Clínica   Resistência Bacteriana  | 36      | 25          | 0.694               | 94        | 66          | 0.702               | 4887     | 2076        | 0.425               |
| 162   | 2823    | 4151   | 135390 | <a href="#">Eduardo Bagagli</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Fungal genetics   ecology and evolution  | 36      | 24          | 0.667               | 78        | 52          | 0.667               | 4885     | 2189        | 0.448               |
| 8   | 2824    | 4152   | 135392 | <a href="#">Aurea Echevarria</a>              |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Química Medicinal   Corrosão  | 36      | 19          | 0.528               | 90        | 42          | 0.467               | 4884     | 1660        | 0.340               |
| 58  | 2825    | 4153   | 135395 | <a href="#">Ana Fatima Carvalho Fernandes</a> |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">EnfermagemCeará</a><br>saúde da mulher   câncer de mama   tecnologias educativas   | 36      | 21          | 0.583               | 107       | 54          | 0.505               | 4883     | 1929        | 0.395               |
| 3   | 2826    | 4154   | 135405 | <a href="#">Clarissa M Comim</a>              |  Brazil | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>           | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Distrofias Musculares Progressivas   Doenças Neuromusculares   | 36      | 23          | 0.639               | 83        | 51          | 0.614               | 4881     | 1868        | 0.383               |
| 38  | 2827    | 4155   | 135425 | <a href="#">Glaucia Regina Martinez</a>       |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Biochemistry</a>   | 36      | 21          | 0.583               | 64        | 44          | 0.688               | 4876     | 1814        | 0.372               |
| 110   | 2828    | 4159   | 135486 | <a href="#">Elizabeth Fernandes Lucas</a>     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais não-metálicos   energia   meio ambiente  | 36      | 24          | 0.667               | 114       | 68          | 0.596               | 4852     | 2165        | 0.446               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 2829    | 4161   | 135524 | <a href="#">Pedro Walfir Souza-Filho</a>    |  Brazil   | <a href="#">Instituto Tecnológico Vale</a>                                  | <a href="#">Universidade Federal do Pará / Instituto Tecnológico Vale</a><br>Earth Science  | 36      | 26          | 0.722               | 113       | 78          | 0.690               | 4837     | 2919        | 0.603               |
| 861   | 2830    | 4162   | 135525 | <a href="#">Eliane Schochat</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">FonoaudiologiNMedicinP</a><br>Neuroaudiologia   Audiologia   Eletrofisiologia   Processamento Auditivo  | 36      | 19          | 0.528               | 108       | 52          | 0.481               | 4837     | 1407        | 0.291               |
| 134   | 2831    | 4163   | 135537 | <a href="#">Alexandre De Pádua Carrieri</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Business &amp; Management / Business Administration</a><br>Estudos Organizacionais   Relações de poder   Relações sociais de sexo   Sustentabilidade e meio ambiente   gestão do negócio fa | 36      | 24          | 0.667               | 128       | 73          | 0.570               | 4833     | 2424        | 0.502               |
| 111   | 2832    | 4164   | 135554 | <a href="#">Claudia Medina Coeli</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>secondary data   record linkage   big data   systems science   causality  | 36      | 23          | 0.639               | 110       | 62          | 0.564               | 4826     | 1928        | 0.400               |
| 71  | 2833    | 4165   | 135593 | <a href="#">Aluizio Barbosa De Carvalho</a> |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">UNIFESP</a><br>doença osteometabólica   doença renal crônica   osteodistrofia renal   histomorfometria óssea  | 36      | 21          | 0.583               | 77        | 50          | 0.649               | 4811     | 1751        | 0.364               |
| 163   | 2834    | 4166   | 135638 | <a href="#">Luiz Edivaldo Pezzato</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição de Peixes   Alimentos e Alimentação Animal  | 36      | 18          | 0.500               | 112       | 42          | 0.375               | 4797     | 1408        | 0.294               |
| 25  | 2835    | 4168   | 135702 | <a href="#">Margareth Da Silva Oliveira</a> |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica   Psicoterapia cognitiva e comportamental   Entrevista Motivacional   Dependência Química   Obesidade.                               | 36      | 23          | 0.639               | 129       | 72          | 0.558               | 4770     | 2018        | 0.423               |
| 53  | 2836    | 4169   | 135709 | <a href="#">Cristiane Sanchez Farinas</a>   |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Researcher at Embrapa Instrumentação</a><br>Bioprocess Engineering  | 36      | 32          | 0.889               | 105       | 88          | 0.838               | 4768     | 3385        | 0.710               |
| 14  | 2837    | 4171   | 135755 | <a href="#">Fernando L Freire Jr</a>        |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Natural Sciences / Physics</a><br>Physics   | 36      | 14          | 0.389               | 118       | 29          | 0.246               | 4751     | 856         | 0.180               |
| 35  | 2838    | 4173   | 135764 | <a href="#">Claudio Da Cruz Silveira</a>    |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese Orgânica  | 36      | 16          | 0.444               | 110       | 36          | 0.327               | 4748     | 1094        | 0.230               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 38  | 2839    | 4174   | 135771 | <a href="#">Flávia Biroli</a>                       |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                   | <a href="#">Social Sciences / Political Science</a><br>teoria política   gênero e política   teorias da democracia   política brasileira                               | 36      | 28          | 0.778               | 58        | 54          | 0.931               | 4746     | 3403        | 0.717               |
| 45  | 2840    | 4175   | 135803 | <a href="#">Hugo Ruiz</a>                           |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>             | <a href="#">aposentado</a><br>Ciência do Solo  | 36      | 18          | 0.500               | 84        | 38          | 0.452               | 4728     | 1432        | 0.303               |
| 862   | 2841    | 4176   | 135807 | <a href="#">Carlos Eduardo Pereira Corbett</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medicina da UniversidSÃO Paulo</a>   | 36      | 17          | 0.472               | 105       | 42          | 0.400               | 4727     | 1476        | 0.312               |
| 863   | 2842    | 4177   | 135815 | <a href="#">Leandro Romero Gasques</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear   | 36      | 24          | 0.667               | 69        | 44          | 0.638               | 4723     | 2135        | 0.452               |
| 135   | 2843    | 4180   | 135850 | <a href="#">Lúcio Carlos Gonçalves</a>              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">ExtensÃoRuralUniversidMinasGerais</a><br>Extensão Rural   Agricultura Familiar   Sociologia e Antropologia Rural   Forragicultura   Nutrição de Ruminantes | 36      | 15          | 0.417               | 128       | 33          | 0.258               | 4711     | 1162        | 0.247               |
| 7   | 2844    | 4181   | 135857 | <a href="#">Maria Conceição Oliveira Costa</a>      |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a> | Saúde Coletiva   Epidemiologia   Saúde Pública   Criança   Adolescente   | 36      | 22          | 0.611               | 94        | 49          | 0.521               | 4709     | 1754        | 0.372               |
| 54  | 2845    | 4183   | 135866 | <a href="#">Luciana Correia De Almeida Regitano</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Scientific Researcher, Embrapa</a><br>animal genetics   animal breeding   molecular genetics   | 36      | 28          | 0.778               | 101       | 74          | 0.733               | 4705     | 2690        | 0.572               |
| 136   | 2846    | 4184   | 135874 | <a href="#">Mariangela Leal Cherchiglia</a>         |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | Saúde Pública  | 36      | 25          | 0.694               | 99        | 58          | 0.586               | 4702     | 2283        | 0.486               |
| 216   | 2847    | 4185   | 135877 | <a href="#">Marcelo Menossi</a>                     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética vegetal   biotecnologia   cana-de-açúcar   | 36      | 25          | 0.694               | 72        | 42          | 0.583               | 4702     | 1867        | 0.397               |
| 217   | 2848    | 4187   | 135893 | <a href="#">Luiz Carlos Zeferino</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ginecologia oncológica   câncer do colo do útero   câncer da mama                        | 36      | 21          | 0.583               | 121       | 53          | 0.438               | 4697     | 1580        | 0.336               |
| 137   | 2849    | 4188   | 135910 | <a href="#">Hugo P Godinho</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">UFMGexPUCMinas</a><br>Morfologia Animal   Reprodução de Peixes   | 36      | 18          | 0.500               | 98        | 31          | 0.316               | 4692     | 1093        | 0.233               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 138   | 2850    | 4189   | 135927 | <a href="#">Fernando Ao Silveira</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | functional ecology   plant ecology   seed ecology   restoration ecology   grassland ecology  | 36      | 30          | 0.833               | 89        | 78          | 0.876               | 4684     | 3540        | 0.756               |
| 55  | 2851    | 4190   | 135935 | <a href="#">Norma Rumjanek</a>                |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador Microbiologia de Solos. Embrapa Agrobiologia</a><br>microbiologia de solos   agroecologia   ecologia microbiana   controle biológico   inoculante bacteriano | 36      | 18          | 0.500               | 74        | 33          | 0.446               | 4683     | 1135        | 0.242               |
| 139   | 2852    | 4192   | 135963 | <a href="#">Lúcia Galvão</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Imunoparasitologia   Entomologia   | 36      | 21          | 0.583               | 75        | 49          | 0.653               | 4673     | 1951        | 0.418               |
| 2   | 2853    | 4193   | 135998 | <a href="#">Irwin Rose Alencar De Menezes</a> |  Brazil   | <a href="#">Universidade Regional do Cariri URCA</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Química Medicinal   Toxicologia   Produto Natural   Atividade biológica       | 36      | 30          | 0.833               | 130       | 122         | 0.938               | 4659     | 3533        | 0.758               |
| 218   | 2854    | 4194   | 136007 | <a href="#">Iris L Torriani</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>Cristalografia   Difração e Espalhamento de raios X   Estrutura de nanomateriais e sistemas biológicos   polímeros e emulsões          | 36      | 15          | 0.417               | 91        | 25          | 0.275               | 4657     | 1054        | 0.226               |
| 140   | 2855    | 4196   | 136032 | <a href="#">Adriana Cristina De Oliveira</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">aemUniversidMinasGerais</a><br>Controle de Infecção   Biossegurança   Vigilância Epidemiológica   Epidemiologia   Enfermagem   | 36      | 24          | 0.667               | 120       | 79          | 0.658               | 4649     | 2354        | 0.506               |
| 864   | 2856    | 4197   | 136044 | <a href="#">Luciano M Verdade</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">University of São Paulo</a><br>Applied Ecology   Conservation Biology   Wildlife Management   Evolutionary Biology   | 36      | 22          | 0.611               | 118       | 63          | 0.534               | 4643     | 2036        | 0.439               |
| 4   | 2857    | 4200   | 136143 | <a href="#">Emerson Lima</a>                  |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia   | 36      | 27          | 0.750               | 98        | 82          | 0.837               | 4606     | 2591        | 0.563               |
| 219   | 2858    | 4201   | 136144 | <a href="#">Carlos Henrique Inácio Ramos</a>  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>bioquímica   | 36      | 19          | 0.528               | 93        | 48          | 0.516               | 4606     | 1711        | 0.371               |
| 865   | 2859    | 4202   | 136164 | <a href="#">J Eurico P Cyrino</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Aqüicultura   produção de peixes   nutrição de peixes  | 36      | 23          | 0.639               | 94        | 65          | 0.691               | 4597     | 1894        | 0.412               |
| 164   | 2860    | 4203   | 136167 | <a href="#">Lourdes C Ampaner Dos Santos</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">loursantig.br</a>  | 36      | 23          | 0.639               | 113       | 65          | 0.575               | 4595     | 2194        | 0.477               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 866   | 2861    | 4204   | 136175 | <a href="#">Antonio Luiz Rodrigues Júnior</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologic intelligence and healthcare law  | 36      | 19          | 0.528               | 83        | 38          | 0.458               | 4593     | 1264        | 0.275               |
| 220   | 2862    | 4207   | 136244 | <a href="#">Gustavo Quevedo Romero</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Natural Sciences / Biological Science</a><br>ecologia - isótopos estáveis - meta-análise   | 36      | 24          | 0.667               | 92        | 72          | 0.783               | 4567     | 2039        | 0.446               |
| 8   | 2863    | 4208   | 136249 | <a href="#">Ma Continentino</a>                |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>  | <a href="#">Centro Brasileiro de Pesquisas Físicas</a><br>Strongly Correlated Systems   Quantum Phase Transitions  | 36      | 16          | 0.444               | 125       | 33          | 0.264               | 4564     | 1139        | 0.250               |
| 112   | 2864    | 4209   | 136268 | <a href="#">Mauro Sergio Pavao</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Glicobiologia   glicosaminoglicanos   proteoglicanos   | 36      | 21          | 0.583               | 68        | 41          | 0.603               | 4559     | 1671        | 0.367               |
| 3   | 2865    | 4210   | 136292 | <a href="#">Drauzio Eduardo Naretto Rangel</a> |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiology   mycology  | 36      | 27          | 0.750               | 57        | 56          | 0.982               | 4550     | 2583        | 0.568               |
| 113   | 2866    | 4211   | 136300 | <a href="#">Kildare Miranda</a>                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Medical and Health Sciences / Biophysics</a><br>microscopia eletrônica   bioquímica de microrganismos   biologia celular e molecular   protozoologia   parasitologia | 36      | 21          | 0.583               | 73        | 51          | 0.699               | 4547     | 1978        | 0.435               |
| 867   | 2867    | 4212   | 136308 | <a href="#">Hilda Fj Pena</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>medicina veterinária   epidemiologia   parasitas   protozoários   | 36      | 24          | 0.667               | 101       | 76          | 0.752               | 4544     | 2247        | 0.494               |
| 868   | 2868    | 4213   | 136325 | <a href="#">Carmen Cecilia Tadini</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Engenharia de Alimentos   | 36      | 27          | 0.750               | 70        | 54          | 0.771               | 4539     | 2360        | 0.520               |
| 221   | 2869    | 4215   | 136344 | <a href="#">Maugeri</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">unicamporCampinasorCampinasorâ€</a>  | 36      | 19          | 0.528               | 92        | 47          | 0.511               | 4533     | 1284        | 0.283               |
| 869   | 2870    | 4216   | 136345 | <a href="#">Maria Irma Seixas Duarte</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia e patogenia das doenças infecciosas   | 36      | 18          | 0.500               | 108       | 41          | 0.380               | 4532     | 1238        | 0.273               |
| 222   | 2871    | 4218   | 136371 | <a href="#">Lea Velho</a>                      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Social Sciences / Social Sciences</a><br>Política científica e tecnológica   produção e uso do conhecimento  | 36      | 18          | 0.500               | 95        | 41          | 0.432               | 4522     | 1321        | 0.292               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 2872    | 4219   | 136434 | <a href="#">Andre Talvani</a>                   |  Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>     | <a href="#">ImunologistaParasitologiUniversidOuroPreto</a><br>Inflamação   biomarcadores   Trypanosoma cruzi  | 36      | 25          | 0.694               | 83        | 64          | 0.771               | 4505     | 2241        | 0.497               |
| 83  | 2873    | 4220   | 136435 | <a href="#">Cristiani Vieira Machado</a>        |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Health Policies   Health Administration   Public Policies  | 36      | 27          | 0.750               | 80        | 62          | 0.775               | 4505     | 2262        | 0.502               |
| 870   | 2874    | 4221   | 136449 | <a href="#">Alexandre N Carvalho</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Mathematics</a><br>Mathematics   | 36      | 22          | 0.611               | 78        | 49          | 0.628               | 4498     | 1696        | 0.377               |
| 114   | 2875    | 4222   | 136465 | <a href="#">Fernando G De Mello</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience  | 36      | 14          | 0.389               | 77        | 26          | 0.338               | 4493     | 835         | 0.186               |
| 223   | 2876    | 4223   | 136501 | <a href="#">Stanislav Moshkalev</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   | 36      | 28          | 0.778               | 84        | 57          | 0.679               | 4482     | 3143        | 0.701               |
| 871   | 2877    | 4225   | 136576 | <a href="#">Alessio Mangiarotti</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>radiation physics   bremsstrahlung   electron transport   nuclear physics   heavy ion collisions                        | 36      | 22          | 0.611               | 97        | 51          | 0.526               | 4460     | 1738        | 0.390               |
| 872   | 2878    | 4226   | 136579 | <a href="#">Helio Vannucchi</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição   | 36      | 15          | 0.417               | 137       | 41          | 0.299               | 4459     | 1031        | 0.231               |
| 13  | 2879    | 4227   | 136589 | <a href="#">Vera Mf Da Silva</a>                |  Brazil  | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">Researcher on Aquatic mammals of the Amazon, National Institute of Amazonia Research...</a><br>Conservation Biology   Aquatic mammals ecology and biology | 36      | 23          | 0.639               | 83        | 54          | 0.651               | 4457     | 1656        | 0.372               |
| 39  | 2880    | 4228   | 136600 | <a href="#">Osmar Abílio De Carvalho Júnior</a> |  Brazil | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geomorfologia   Sensoriamento Remoto   Sistema de Informação Geográfica   Geografia                  | 36      | 24          | 0.667               | 112       | 62          | 0.554               | 4454     | 2278        | 0.511               |
| 115   | 2881    | 4232   | 136673 | <a href="#">Mariana Mym Souza</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>catalysis   hydrogen  | 36      | 24          | 0.667               | 75        | 52          | 0.693               | 4433     | 1918        | 0.433               |
| 16  | 2882    | 4233   | 136675 | <a href="#">Lelia Batista De Souza</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>patologia oral   estomatologia   | 36      | 21          | 0.583               | 123       | 63          | 0.512               | 4432     | 1900        | 0.429               |
| 7   | 2883    | 4234   | 136701 | <a href="#">Cristiano Lana</a>                  |  Brazil | <a href="#">Universidade Federal de Ouro Preto UFOP</a>     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>GEOCHRONOLOGY  | 36      | 30          | 0.833               | 103       | 87          | 0.845               | 4421     | 3186        | 0.721               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14  | 2884    | 4235   | 136708 | <a href="#">Reinaldo Imbrozio Barbosa</a>   |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>             | <a href="#">National Institute for Research in Amazonia (INPA)</a><br>Forest Fires   Ecologia Florestal   Environmental Services   Savannas   Forest Biomass | 36      | 20          | 0.556               | 80        | 51          | 0.638               | 4419     | 1641        | 0.371               |
| 4   | 2885    | 4236   | 136712 | <a href="#">Andreia Pelegrini</a>           |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>          | <a href="#">Education / Education</a><br>Educação Física   | 36      | 26          | 0.722               | 104       | 66          | 0.635               | 4416     | 2263        | 0.512               |
| 224   | 2886    | 4237   | 136741 | <a href="#">Luis Otavio Sarian</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Docente</a><br>Primeiro interesse   Segundo interesse  | 36      | 23          | 0.639               | 106       | 56          | 0.528               | 4408     | 2059        | 0.467               |
| 2   | 2887    | 4238   | 136742 | <a href="#">Juliana Gomes</a>               |  Brazil   | <a href="#">Faculdades La Salle UNILASALLE</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Ambiental   Solos   Química Analítica  | 36      | 22          | 0.611               | 89        | 62          | 0.697               | 4408     | 1822        | 0.413               |
| 23  | 2888    | 4240   | 136752 | <a href="#">André Ricardo Fajardo</a>       |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                   | <a href="#">UniversidPelotas</a><br>Polymer   polysaccharides   hydrogels   superabsorbent materials   biomaterials  | 36      | 32          | 0.889               | 66        | 65          | 0.985               | 4404     | 3224        | 0.732               |
| 72  | 2889    | 4243   | 136813 | <a href="#">Hugo Monteiro</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Biochemistry</a>   | 36      | 16          | 0.444               | 72        | 32          | 0.444               | 4380     | 907         | 0.207               |
| 9   | 2890    | 4244   | 136816 | <a href="#">Rosana Rodrigues</a>            |  Brazil  | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant breeding   plant disease resistance   genetic resources                                  | 36      | 25          | 0.694               | 109       | 73          | 0.670               | 4379     | 2208        | 0.504               |
| 14  | 2891    | 4245   | 136821 | <a href="#">Wilson Danilo Lunardi Filho</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                 | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Nursing   Enfermagem   Nursing Management   | 36      | 17          | 0.472               | 106       | 43          | 0.406               | 4377     | 1159        | 0.265               |
| 59  | 2892    | 4246   | 136830 | <a href="#">José Marcos Sasaki</a>          |  Brazil | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">Natural Sciences / Physics</a><br>Difração de raios x   nanomateriais   física ambiental   | 36      | 18          | 0.500               | 85        | 34          | 0.400               | 4374     | 1760        | 0.402               |
| 873   | 2893    | 4247   | 136862 | <a href="#">Lino Misoguti</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Physics</a><br>Óptica Não Linear   Óptica   Fotônica   Espectroscopia   | 36      | 17          | 0.472               | 82        | 32          | 0.390               | 4365     | 921         | 0.211               |
| 60  | 2894    | 4248   | 136885 | <a href="#">Jean Yves Beziau</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">BrazilandCNPq</a><br>Non-Classical Logics   Philosophy of Logic   History of Logic   Modal Logic   Universal Logic                               | 36      | 18          | 0.500               | 110       | 42          | 0.382               | 4358     | 1332        | 0.306               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 18  | 2895    | 4249   | 136905 | <a href="#">Marcus Tullius Scotti</a>          |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemotaxonomy   Medicinal Chemistry   Cheminformatics   QSAR   | 36      | 29          | 0.806               | 122       | 107         | 0.877               | 4351     | 3143        | 0.722               |
| 39  | 2896    | 4250   | 136924 | <a href="#">Célia Regina Granhen Tavares</a>   |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Ambiental   Recursos Hídricos   Aproveitamento de Rejeitos                                    | 36      | 21          | 0.583               | 81        | 45          | 0.556               | 4345     | 1752        | 0.403               |
| 61  | 2897    | 4251   | 136937 | <a href="#">Selma Mazzetto</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Geral   Tecnologia Química   Biotecnologia   Educação em química                                       | 36      | 28          | 0.778               | 102       | 76          | 0.745               | 4341     | 2626        | 0.605               |
| 24  | 2898    | 4252   | 136959 | <a href="#">Valderez Pinto Ferreira</a>        |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">universidPernambuco</a><br>Petrologia ígnea  | 36      | 22          | 0.611               | 74        | 51          | 0.689               | 4333     | 2035        | 0.470               |
| 141   | 2899    | 4253   | 136968 | <a href="#">Wagner Tafuri</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia morfologia imunologia parasitologia   | 36      | 21          | 0.583               | 86        | 44          | 0.512               | 4328     | 1305        | 0.302               |
| 142   | 2900    | 4254   | 136970 | <a href="#">Débora Marques De Miranda</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Genetics   Neuroscience   Pediatrics  | 36      | 25          | 0.694               | 110       | 77          | 0.700               | 4327     | 3015        | 0.697               |
| 46  | 2901    | 4255   | 136987 | <a href="#">Angelo Pallini</a>                 |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomology   Ecology   Biological Control   Agricultural Acarology                                     | 36      | 22          | 0.611               | 85        | 56          | 0.659               | 4320     | 1655        | 0.383               |
| 47  | 2902    | 4256   | 136993 | <a href="#">Elpídio Inácio Fernandes Filho</a> |  Brazil  | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Science   Earth Science   machine learning   Pedometrics   Digital Soil Mapping | 36      | 24          | 0.667               | 97        | 74          | 0.763               | 4318     | 2500        | 0.579               |
| 225   | 2903    | 4257   | 136994 | <a href="#">Carlile Lavor</a>                  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Mathematics</a><br>Distance Geometry   Geometric Algebra   Protein Geometry   Quantum Computing   | 36      | 25          | 0.694               | 88        | 52          | 0.591               | 4318     | 2152        | 0.498               |
| 165   | 2904    | 4259   | 137022 | <a href="#">Alberto Jose Cavalheiro</a>        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   Cromatografia   Metabolômica  | 36      | 23          | 0.639               | 107       | 62          | 0.579               | 4307     | 1726        | 0.401               |
| 70  | 2905    | 4262   | 137075 | <a href="#">Manuella Kaster</a>                |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience   | 36      | 27          | 0.750               | 59        | 59          | 1.000               | 4292     | 2242        | 0.522               |
| 874   | 2906    | 4263   | 137085 | <a href="#">Paula Andrea Navarro</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Biologia reprodutiva   Infertilidade   Reprodução assistida   Ginecologia Endócrina         | 36      | 26          | 0.722               | 76        | 59          | 0.776               | 4290     | 2421        | 0.564               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 226   | 2907    | 4264   | 137090 | <a href="#">Flavio Antonio Maës Dos Santos</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Conservação   Populações   Comunidades   Diversidade  | 36      | 19          | 0.528               | 75        | 40          | 0.533               | 4288     | 1625        | 0.379               |
| 73  | 2908    | 4265   | 137140 | <a href="#">Suely Godoy Agostinho Gimeno</a>   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Epidemiologia da nutrição   Epidemiologia das doenças crônicas  | 36      | 19          | 0.528               | 85        | 33          | 0.388               | 4274     | 1080        | 0.253               |
| 9   | 2909    | 4266   | 137179 | <a href="#">Vitor Oliveira Carvalho</a>        |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>       | <a href="#">UFS</a>   | 36      | 30          | 0.833               | 74        | 54          | 0.730               | 4258     | 2494        | 0.586               |
| 875   | 2910    | 4268   | 137207 | <a href="#">Elizabeth Fujimori</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">UniversidSão Paulo</a><br>SAÚDE PÚBLICA   NUTRIÇÃO   ENFERMAGEM   | 36      | 25          | 0.694               | 90        | 53          | 0.589               | 4248     | 2397        | 0.564               |
| 876   | 2911    | 4269   | 137219 | <a href="#">Alinka Lépine Szily</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Physics</a><br>Nuclear Physics   | 36      | 17          | 0.472               | 86        | 31          | 0.360               | 4245     | 870         | 0.205               |
| 227   | 2912    | 4270   | 137234 | <a href="#">Maria Laura Costa</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>obstetrícia   gravidez   pré-eclampsia   placenta   morbidade materna  | 36      | 31          | 0.861               | 86        | 77          | 0.895               | 4242     | 3182        | 0.750               |
| 116   | 2913    | 4271   | 137249 | <a href="#">Elis Eleutherio</a>                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">UNIVERSIDAFEDERALRIOJANEIRO</a><br>BIOQUIMICA   METABOLISMO   SACCHAROMYCES CEREVISIAE   BIOCOMBUSTIVEL   ESTRESSE  | 36      | 26          | 0.722               | 69        | 46          | 0.667               | 4234     | 1783        | 0.421               |
| 62  | 2914    | 4276   | 137345 | <a href="#">Helena Sa Monteiro</a>             |  Brazil   | <a href="#">Universidade Federal do Ceará</a>             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Toxinologia  | 36      | 22          | 0.611               | 94        | 49          | 0.521               | 4205     | 1801        | 0.428               |
| 48  | 2915    | 4277   | 137347 | <a href="#">Maria Cristina Dantas Vanetti</a>  |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>        | Food Microbiology   | 36      | 25          | 0.694               | 88        | 63          | 0.716               | 4204     | 2226        | 0.529               |
| 117   | 2916    | 4278   | 137366 | <a href="#">Claudia Pinto Figueiredo</a>       |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   | 36      | 25          | 0.694               | 64        | 57          | 0.891               | 4198     | 2132        | 0.508               |
| 2   | 2917    | 4280   | 137383 | <a href="#">Michelle Reboita</a>               |  Brazil | <a href="#">Universidade Federal de Itajubá UNIFEI</a>    | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric Sciences   Synoptic Meteorology   Climate Modeling   | 36      | 31          | 0.861               | 75        | 72          | 0.960               | 4192     | 3284        | 0.783               |
| 877   | 2918    | 4281   | 137406 | <a href="#">Elizabeth Afs Torres</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos   Alimentos Funcionais   Moodfood   Recursos Alimentares para populações e Produção e Composição de Ali | 36      | 26          | 0.722               | 77        | 45          | 0.584               | 4182     | 1659        | 0.397               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 63  | 2919    | 4282   | 137407 | <a href="#">Alejandro Pedro Ayala</a>         |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física da matéria condensada   | 36      | 19          | 0.528               | 114       | 66          | 0.579               | 4181     | 1738        | 0.416               |
| 878   | 2920    | 4286   | 137519 | <a href="#">Anamaria Siriani De Oliveira</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomechanics   Musculoskeletal Pain   Shoulder   Exercises Therapy   Physical Therapy | 36      | 23          | 0.639               | 74        | 48          | 0.649               | 4132     | 1567        | 0.379               |
| 71  | 2921    | 4288   | 137587 | <a href="#">Marucia Bardagi</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Social Sciences / Psychology</a><br>desenvolvimento vocacional e de carreira   avaliação psicologica   psicologia do desenvolvimento               | 36      | 27          | 0.750               | 55        | 47          | 0.855               | 4107     | 2121        | 0.516               |
| 879   | 2922    | 4289   | 137604 | <a href="#">Antônio Eduardo Miller Crotti</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry   Chemistry of Natural Products   Mass Spectrometry                                  | 36      | 24          | 0.667               | 98        | 78          | 0.796               | 4099     | 2374        | 0.579               |
| 880   | 2923    | 4290   | 137626 | <a href="#">Luiz Henrique Catalani</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>polymers   biomaterials   tissue engineering   electrospinning   3D printing                           | 36      | 21          | 0.583               | 80        | 47          | 0.588               | 4088     | 1614        | 0.395               |
| 74  | 2924    | 4291   | 137642 | <a href="#">Regina Silva</a>                  |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Psychology</a><br>Psicofarmacologia  | 36      | 24          | 0.667               | 74        | 46          | 0.622               | 4080     | 1743        | 0.427               |
| 56  | 2925    | 4293   | 137680 | <a href="#">Etelvino Henrique Novotny</a>     |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador Embrapa Solos</a><br>Espectroscopia   Substâncias Húmicas   Biochar   Carbono Pirogênico   Ciência do Solo                             | 36      | 28          | 0.778               | 65        | 50          | 0.769               | 4069     | 2147        | 0.528               |
| 57  | 2926    | 4294   | 137685 | <a href="#">Jose Renato Farias Boucas</a>     |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agrometeorologia   Modelagem   Sistemas agrícolas  | 36      | 23          | 0.639               | 68        | 44          | 0.647               | 4065     | 1833        | 0.451               |
| 881   | 2927    | 4295   | 137697 | <a href="#">Paulo Roberto H Moreno</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>produtos naturais  | 36      | 21          | 0.583               | 72        | 44          | 0.611               | 4061     | 1326        | 0.327               |
| 14  | 2928    | 4297   | 137707 | <a href="#">Rômulo Simões Angélica</a>        |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>mineralogy   geochemistry   clay minerals   x-ray diffraction                                 | 36      | 25          | 0.694               | 107       | 76          | 0.710               | 4056     | 2126        | 0.524               |
| 882   | 2929    | 4298   | 137747 | <a href="#">Madson Queiroz Almeida</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia   Biologia Molecular   Tumores   Adrenal                          | 36      | 26          | 0.722               | 64        | 48          | 0.750               | 4045     | 2532        | 0.626               |
| 166   | 2930    | 4300   | 137805 | <a href="#">Benedito Barraviera</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">TropicalDiseasesandToxinology</a><br>Medicine  | 36      | 27          | 0.750               | 113       | 66          | 0.584               | 4023     | 1942        | 0.483               |

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| University  | Country | Region | World  | Name                                     | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 883   | 2931    | 4301   | 137823 | <a href="#">Glauco Machado</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>animal behavior   sexual selection   parental care   chemical ecology   defense                       | 36      | 21          | 0.583               | 81        | 49          | 0.605               | 4015     | 1487        | 0.370               |
| 49  | 2932    | 4302   | 137825 | <a href="#">Luis Antonio Minim</a>       |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     |  | 36      | 22          | 0.611               | 108       | 66          | 0.611               | 4013     | 1885        | 0.470               |
| 72  | 2933    | 4303   | 137830 | <a href="#">Rafael Dutra</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunopharmacology. Neuroscience   | 36      | 26          | 0.722               | 56        | 52          | 0.929               | 4011     | 2534        | 0.632               |
| 118   | 2934    | 4304   | 137853 | <a href="#">Guilherme Muricy</a>         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>biologia marinha   zoologia   ecologia  | 36      | 20          | 0.556               | 86        | 41          | 0.477               | 4002     | 1468        | 0.367               |
| 73  | 2935    | 4309   | 137933 | <a href="#">Oscar Bruna Romero</a>       |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Vacinas   Virus recombinantes   | 36      | 18          | 0.500               | 61        | 41          | 0.672               | 3974     | 1027        | 0.258               |
| 40  | 2936    | 4310   | 137938 | <a href="#">Emerson Giroto</a>           |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biosensors based on localized plasmons resonance   materials for restorative dentistry                             | 36      | 21          | 0.583               | 76        | 37          | 0.487               | 3972     | 1381        | 0.348               |
| 121   | 2937    | 4311   | 137949 | <a href="#">Ionara Siqueira</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Pharmacology</a>   | 36      | 25          | 0.694               | 68        | 51          | 0.750               | 3966     | 1641        | 0.414               |
| 167   | 2938    | 4312   | 137967 | <a href="#">Célia Maria Landi Franco</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Tecnologia de cereais   Química e tecnologia de amidos   Panificação                        | 36      | 25          | 0.694               | 85        | 63          | 0.741               | 3960     | 1835        | 0.463               |
| 168   | 2939    | 4313   | 137971 | <a href="#">Marcello Guimares Simoes</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Tafonomia   Paleocologia   Paleontologia Estratigráfica   Bioestratigrafia   Paleobiologia da Conservação | 36      | 21          | 0.583               | 106       | 61          | 0.575               | 3959     | 1648        | 0.416               |
| 169   | 2940    | 4314   | 137991 | <a href="#">Sonia Maria Oliani</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Morfologia: Histologia e Biologia Celular  | 36      | 22          | 0.611               | 86        | 64          | 0.744               | 3951     | 1771        | 0.448               |










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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 84  | 2941    | 4315   | 137993 | <a href="#">Valeria M Borges</a>   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fiocruz</a><br>Inflammation   Parasite   Leishmania  | 36      | 27          | 0.750               | 68        | 56          | 0.824               | 3951     | 1978        | 0.501               |
| 884   | 2942    | 4316   | 137997 | <a href="#">Decio Dos Santos Pinto Jr</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral pathology  | 36      | 19          | 0.528               | 84        | 47          | 0.560               | 3949     | 1308        | 0.331               |
| 85  | 2943    | 4318   | 138012 | <a href="#">Marise Dutra Asensi</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz</a><br>Microbiologia Médica  | 36      | 23          | 0.639               | 74        | 45          | 0.608               | 3941     | 1553        | 0.394               |
| 170   | 2944    | 4319   | 138019 | <a href="#">Raquel M Scarel Caminaga</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética  | 36      | 23          | 0.639               | 74        | 59          | 0.797               | 3940     | 1966        | 0.499               |
| 86  | 2945    | 4321   | 138053 | <a href="#">Sergio Rego</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz (Fiocruz)</a><br>bioethics   public health ethics   moral education   research ethics   medical education            | 36      | 21          | 0.583               | 65        | 40          | 0.615               | 3924     | 1557        | 0.397               |
| 64  | 2946    | 4322   | 138098 | <a href="#">Thalles Barbosa Grangeiro</a>  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Biologia Molecular   Bioquímica                                      | 36      | 21          | 0.583               | 75        | 46          | 0.613               | 3904     | 1399        | 0.358               |
| 3   | 2947    | 4323   | 138112 | <a href="#">Luiz Carlos Kreutz</a>   |  Brazil   | <a href="#">Universidade de Passo Fundo</a>                            | <a href="#">Medical and Health Sciences / Immunology</a><br>Microbiologia   Imunologia   Infecções   | 36      | 22          | 0.611               | 76        | 55          | 0.724               | 3894     | 1546        | 0.397               |
| 2   | 2948    | 4325   | 138151 | <a href="#">Jean Pierre Oses</a>   |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Neurochemistry   Biological Markers                                       | 36      | 30          | 0.833               | 95        | 74          | 0.779               | 3873     | 2347        | 0.606               |
| 25  | 2949    | 4329   | 138197 | <a href="#">Mansueto Gomes Neto</a>  |  Brazil  | <a href="#">Universidade Federal da Bahia</a>                          |  | 36      | 31          | 0.861               | 87        | 80          | 0.920               | 3851     | 3064        | 0.796               |
| 122   | 2950    | 4330   | 138217 | <a href="#">Caciano Zapata Noreña</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   Food Science   Food Technology                       | 36      | 28          | 0.778               | 70        | 62          | 0.886               | 3838     | 2357        | 0.614               |
| 87  | 2951    | 4333   | 138235 | <a href="#">Jane Margaret Costa De Frontin Werneck / Nome Científico: Jane Costa</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesq. Titular, Lab. de Biodiversidade Entomológica</a><br>Biodiversity   Chagas disease   vectors   Triatomines   Entomological Collection | 36      | 21          | 0.583               | 74        | 46          | 0.622               | 3831     | 1390        | 0.363               |
| 885   | 2952    | 4335   | 138241 | <a href="#">Frederico Pereira Brandini</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a>   | 36      | 20          | 0.556               | 79        | 43          | 0.544               | 3828     | 1260        | 0.329               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 2953    | 4336   | 138281 | <a href="#">Albertus Bernardus Eskes</a>     |  Brazil   | <a href="#">Instituto Agronômico</a>   | <a href="#">Pesquisador Cirad</a>   | 36      | 17          | 0.472               | 95        | 40          | 0.421               | 3811     | 1083        | 0.284               |
| 886   | 2954    | 4337   | 138288 | <a href="#">Wilma Terezinha Anselmo Lima</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Rhinology  | 36      | 20          | 0.556               | 67        | 39          | 0.582               | 3807     | 1232        | 0.324               |
| 41  | 2955    | 4338   | 138290 | <a href="#">Cláudio Celestino Oliveira</a>   |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>QUÍMICA   | 36      | 19          | 0.528               | 78        | 40          | 0.513               | 3806     | 1301        | 0.342               |
| 19  | 2956    | 4339   | 138355 | <a href="#">Maria Gardênnia Fonseca</a>      |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Silicatos lamelares   argilominerais   sólidos mesoporosos   fosfato de cálcio   adsorção | 36      | 21          | 0.583               | 90        | 55          | 0.611               | 3784     | 1647        | 0.435               |
| 171   | 2957    | 4340   | 138359 | <a href="#">José Frederico Centurion</a>     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">JúlioMesquitFilhocampusá€!</a><br>Ciência do Solo   | 36      | 16          | 0.444               | 92        | 34          | 0.370               | 3783     | 936         | 0.247               |
| 17  | 2958    | 4341   | 138367 | <a href="#">Oswaldo Hajime Yamamoto</a>      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>                      | <a href="#">Social Sciences / Psychology</a><br>Social Psychology   History of Psychology   Public Policies   Sociology of Profession             | 36      | 19          | 0.528               | 67        | 42          | 0.627               | 3780     | 1277        | 0.338               |
| 88  | 2959    | 4343   | 138384 | <a href="#">Luiza Garnelo</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Social Sciences / Anthropology</a><br>anthropology   public health   social sciences and health   indigenous health                   | 36      | 25          | 0.694               | 72        | 55          | 0.764               | 3771     | 1821        | 0.483               |
| 25  | 2960    | 4344   | 138393 | <a href="#">Elza Iouko Ida</a>               |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                                | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos   | 36      | 28          | 0.778               | 93        | 60          | 0.645               | 3766     | 2310        | 0.613               |
| 89  | 2961    | 4345   | 138403 | <a href="#">Lucas Pedreira De Carvalho</a>   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 36      | 24          | 0.667               | 56        | 47          | 0.839               | 3763     | 1762        | 0.468               |
| 9   | 2962    | 4346   | 138433 | <a href="#">Elizandra Braganhol</a>          |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica  | 36      | 29          | 0.806               | 77        | 69          | 0.896               | 3744     | 2212        | 0.591               |
| 15  | 2963    | 4347   | 138462 | <a href="#">Paulo Assumpcao</a>              |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                                | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>oncology   cancer genetics   gastric cancer                                     | 36      | 24          | 0.667               | 102       | 74          | 0.725               | 3725     | 2097        | 0.563               |
| 228   | 2964    | 4348   | 138481 | <a href="#">Elson Paiva Oliveira</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Engineering &amp; Technology / Earth Sciences</a>   | 36      | 25          | 0.694               | 77        | 57          | 0.740               | 3714     | 2055        | 0.553               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 887   | 2965    | 4350   | 138504 | <a href="#">Telma Maria Tenorio Zorn</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular - Biologia da Reprodução   | 36      | 17          | 0.472               | 79        | 33          | 0.418               | 3700     | 915         | 0.247               |
| 11  | 2966    | 4351   | 138511 | <a href="#">Adriano Loyola</a>                |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Dentistry</a><br>patologia bucal   estomatologia   | 36      | 20          | 0.556               | 89        | 44          | 0.494               | 3696     | 1286        | 0.348               |
| 36  | 2967    | 4352   | 138529 | <a href="#">Cristiano Ragagnin De Menezes</a> |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | Microbiologia de alimentos   | 36      | 34          | 0.944               | 80        | 72          | 0.900               | 3680     | 3177        | 0.863               |
| 888   | 2968    | 4353   | 138532 | <a href="#">Alejandro Miguel Katzin</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>parasitologia   | 36      | 17          | 0.472               | 66        | 30          | 0.455               | 3677     | 859         | 0.234               |
| 143   | 2969    | 4354   | 138551 | <a href="#">Carolina Cavaliere Gomes</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>Molecular Pathology   Cancer Genetics   Oral Pathology  | 36      | 25          | 0.694               | 110       | 81          | 0.736               | 3659     | 2274        | 0.621               |
| 123   | 2970    | 4355   | 138567 | <a href="#">Eduardo Cesar Tondo</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food safety   Food Microbiology   | 36      | 26          | 0.722               | 82        | 61          | 0.744               | 3649     | 1971        | 0.540               |
| 42  | 2971    | 4356   | 138599 | <a href="#">Ulysses Cecato</a>                |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção animal   Forragicultura   Pastagens  | 36      | 14          | 0.389               | 107       | 29          | 0.271               | 3632     | 1027        | 0.283               |
| 229   | 2972    | 4357   | 138612 | <a href="#">Celso Fasura Balthazar</a>        |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>milk   dairy products   functional food   emerging technology   food safety                       | 36      | 35          | 0.972               | 65        | 65          | 1.000               | 3622     | 3468        | 0.957               |
| 230   | 2973    | 4358   | 138625 | <a href="#">Noé Cheung</a>                    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Solidificação   Lingotamento Contínuo   Tratamento Superficial por Laser   Purificação por Refino Zonal | 36      | 25          | 0.694               | 89        | 69          | 0.775               | 3615     | 1910        | 0.528               |
| 172   | 2974    | 4360   | 138700 | <a href="#">Mary RR Marchi</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   química ambiental  | 36      | 20          | 0.556               | 74        | 42          | 0.568               | 3552     | 1280        | 0.360               |
| 40  | 2975    | 4362   | 138797 | <a href="#">Ricardo Lima</a>                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Brasilia</a><br>Exercise Physiology  | 36      | 26          | 0.722               | 80        | 65          | 0.813               | 3459     | 2125        | 0.614               |
| 889   | 2976    | 4363   | 138821 | <a href="#">Renério Fraguas Jr</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Depression   Psychiatry   Medical Psychology   | 36      | 21          | 0.583               | 63        | 38          | 0.603               | 3430     | 1448        | 0.422               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 890   | 2977    | 4365   | 138846 | <a href="#">Irene Soares</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">UniversidSÃo Paulo</a><br>Malaria vaccine  | 36      | 21          | 0.583               | 69        | 48          | 0.696               | 3402     | 1294        | 0.380               |
| 41  | 2978    | 4367   | 138859 | <a href="#">Margô Gomes De Oliveira Karnikowski</a> |  Brazil   | <a href="#">Universidade de Brasília UNB</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmácia   gerontologia   geriatria  | 36      | 28          | 0.778               | 76        | 62          | 0.816               | 3382     | 2047        | 0.605               |
| 65  | 2979    | 4368   | 138905 | <a href="#">Andre Monteiro</a>                      |  Brazil   | <a href="#">Universidade Federal do Ceará</a>             | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Avaliação educacional   Bioestatística   Probabilidade e estatística  | 36      | 23          | 0.639               | 78        | 66          | 0.846               | 3316     | 1626        | 0.490               |
| 891   | 2980    | 4369   | 138909 | <a href="#">Shirley Schreier</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biofísica   Espectroscopia   Farmacologia   | 36      | 14          | 0.389               | 95        | 24          | 0.253               | 3308     | 641         | 0.194               |
| 90  | 2981    | 4370   | 138935 | <a href="#">Diogo Rodrigo Magalhaes Moreira</a>     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia   química medicinal   | 36      | 26          | 0.722               | 70        | 62          | 0.886               | 3229     | 1965        | 0.609               |
| 892   | 2982    | 4371   | 138961 | <a href="#">Isabel Kimiko Sakamoto</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">aSÃofoã€:</a><br>Microbiologia ambiental   biologia molecular   comunidade microbiana   análise filogenética   DGGE  | 36      | 28          | 0.778               | 72        | 70          | 0.972               | 3163     | 2368        | 0.749               |
| 893   | 2983    | 4372   | 138979 | <a href="#">Yassuko Iamamoto</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 36      | 13          | 0.361               | 72        | 25          | 0.347               | 3077     | 650         | 0.211               |
| 23  | 2984    | 4373   | 139107 | <a href="#">Natalia Del Angelo Aredes</a>           |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>         | <a href="#">emUniversidGoiás</a><br>Enfermagem   Enfermagem neonatal e pediátrica   Educação em enfermagem   Métodos e estratégias de ensino e aprendizagem   Tecnologias educacionais | 35      | 33          | 0.943               | 47        | 45          | 0.957               | 19355    | 19182       | 0.991               |
| 144   | 2985    | 4374   | 139184 | <a href="#">Elizete Rizzo *</a>                     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Reprodução de peixes  | 35      | 23          | 0.657               | 90        | 61          | 0.678               | 15294    | 7347        | 0.480               |
| 26  | 2986    | 4376   | 139297 | <a href="#">Celina Souza</a>                        |  Brazil | <a href="#">Universidade Federal da Bahia</a>             | <a href="#">Social Sciences / Political Science</a><br>Federalismo   Políticas Públicas   Burocracia   | 35      | 22          | 0.629               | 64        | 35          | 0.547               | 12518    | 4973        | 0.397               |
| 894   | 2987    | 4377   | 139334 | <a href="#">Arlindo Machado</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Business &amp; Management / Communication</a><br>comunicação   audiovisual   fotografia   televisão   artes  | 35      | 24          | 0.686               | 67        | 39          | 0.582               | 11861    | 3201        | 0.270               |
| 24  | 2988    | 4379   | 139536 | <a href="#">Bruno Pereira Nunes</a>                 |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 35      | 34          | 0.971               | 72        | 68          | 0.944               | 9431     | 8530        | 0.904               |
| 895   | 2989    | 4380   | 139548 | <a href="#">Vinicius Castro Souza</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Scrophulariaceae   Taxonomia   Sistemática   Evolução  | 35      | 23          | 0.657               | 91        | 50          | 0.549               | 9378     | 4169        | 0.445               |
| 896   | 2990    | 4381   | 139561 | <a href="#">Ronaldo Adib Kairalla</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Chest Diseases</a>   | 35      | 22          | 0.629               | 78        | 49          | 0.628               | 9310     | 2390        | 0.257               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 2991    | 4385   | 139606 | <a href="#">Aldemar Araujo Castro</a>             |  Brazil   | <a href="#">Universidade Estadual de Ciências da Saúde de Alagoas UNCISAL</a> | <a href="#">UNCISAL Maceió AL Brasil.</a><br>Saúde   Pesquisa   Medicina   Cirurgia   Angiologia  | 35      | 21          | 0.600               | 59        | 30          | 0.508               | 9091     | 1559        | 0.171               |
| 42  | 2992    | 4387   | 139652 | <a href="#">Wildson Luiz Pereira Dos Santos</a>   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>ensino de ciências   ensino de química   educação   | 35      | 25          | 0.714               | 61        | 43          | 0.705               | 8853     | 3910        | 0.442               |
| 26  | 2993    | 4388   | 139691 | <a href="#">Carlos Eduardo Poli De Figueiredo</a> |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>   | <a href="#">Medical and Health Sciences / Nephrology</a><br>Medicina   Nefrologia   Hipertensão   Hipertensão na Gestação   Diálise                 | 35      | 20          | 0.571               | 82        | 51          | 0.622               | 8702     | 3313        | 0.381               |
| 39  | 2994    | 4389   | 139739 | <a href="#">RC Anjos</a>                          |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                | <a href="#">Natural Sciences / Physics</a><br>Astrofísica   Mecânica Quântica   Física Matemática   | 35      | 33          | 0.943               | 54        | 52          | 0.963               | 8505     | 7558        | 0.889               |
| 119   | 2995    | 4390   | 139751 | <a href="#">Antonio Jose Teixeira Guerra</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                        | <a href="#">Natural Sciences / Geography</a><br>Geomorfologia   Erosão dos Solos   Movimentos de Massa   Geoturismo   Geodiversidade                | 35      | 25          | 0.714               | 64        | 47          | 0.734               | 8451     | 2714        | 0.321               |
| 124   | 2996    | 4392   | 139782 | <a href="#">Sandra Muller</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de ecossistemas terrestres  | 35      | 27          | 0.771               | 68        | 57          | 0.838               | 8334     | 5321        | 0.638               |
| 897   | 2997    | 4394   | 139790 | <a href="#">Francisco A Rodrigues</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                 | <a href="#">Universid SÃO Paulo</a><br>network_science   statistical_physics   Complex_networks   complex_systems   Physics                         | 35      | 28          | 0.800               | 87        | 62          | 0.713               | 8298     | 4598        | 0.554               |
| 120   | 2998    | 4396   | 139848 | <a href="#">Paulo SR Diniz</a>                    |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                        | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signal Processing   Circuits and Systems   Communications | 35      | 20          | 0.571               | 115       | 41          | 0.357               | 8085     | 2421        | 0.299               |
| 231   | 2999    | 4397   | 139888 | <a href="#">Guita Grin Debert</a>                 |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                     | <a href="#">Social Sciences / Anthropology</a><br>Antropologia  | 35      | 21          | 0.600               | 83        | 45          | 0.542               | 7971     | 2306        | 0.289               |
| 232   | 3000    | 4398   | 139905 | <a href="#">Marcos Tadeu Nolasco Da Silva</a>     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Alergia   Doenças Infecciosas   Epidemiologia Clínica                      | 35      | 20          | 0.571               | 87        | 37          | 0.425               | 7906     | 2483        | 0.314               |














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| University  | Country | Region | World  | Name                                       | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 173   | 3001    | 4399   | 139931 | <a href="#">Jesus Aparecido Ferro</a>      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">a/AgráriaeVeterináriasâ€! Interacção planta-pat6geno   Gen6mica funcional   Ci6ncias 6micas   Biotecnologia   Express6o g6nica  </a>                       | 35      | 22          | 0.629               | 72        | 49          | 0.681               | 7831     | 2032        | 0.259               |
| 2   | 3002    | 4400   | 139942 | <a href="#">Cesar Aparecido Da Silva</a>   |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>               | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   gest6o ambiental   ecotoxicologia   engenharia ambiental e sanit6ria                               | 35      | 21          | 0.600               | 131       | 60          | 0.458               | 7780     | 3476        | 0.447               |
| 125   | 3003    | 4402   | 139957 | <a href="#">Flavio S Fogliatto</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>          | <a href="#">IEUFRGS(UnivRioGrandeSulBrazil)</a><br>Quality Engineering   Healthcare Management   Operations Research and Analytics   Mass Customization   Sensometrics | 35      | 28          | 0.800               | 97        | 72          | 0.742               | 7748     | 3984        | 0.514               |
| 898   | 3004    | 4403   | 139958 | <a href="#">Marilia Pontes Sposito</a>     |  Brazil   | <a href="#">Universidade de S6o Paulo USP</a>                            | <a href="#">Education / Education</a><br>Educaç6o  | 35      | 24          | 0.686               | 59        | 38          | 0.644               | 7748     | 1908        | 0.246               |
| 145   | 3005    | 4404   | 140063 | <a href="#">Carlos Renato Machado</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Reparo de DNA   metabolismo DNA   | 35      | 21          | 0.600               | 68        | 50          | 0.735               | 7490     | 2696        | 0.360               |
| 233   | 3006    | 4405   | 140096 | <a href="#">Simone Aparecida Vieira</a>    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Ecosystem Ecology   Carbon Cycle   Nitrogen Cycle   Tropical Forest   | 35      | 30          | 0.857               | 56        | 47          | 0.839               | 7398     | 3892        | 0.526               |
| 899   | 3007    | 4407   | 140118 | <a href="#">Claudio Garcia</a>             |  Brazil   | <a href="#">Universidade de S6o Paulo USP</a>                            | <a href="#">nP</a><br>Identificaç6o de Sistemas   Modelagem e Controle de Processos Industriais   Quantificaç6o e Compensaç6o de Atrito em V6lvulas de Controle        | 35      | 24          | 0.686               | 118       | 59          | 0.500               | 7329     | 3794        | 0.518               |
| 900   | 3008    | 4409   | 140137 | <a href="#">Ana Oliveira Hoff</a>          |  Brazil  | <a href="#">Universidade de S6o Paulo USP</a>                            | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology  | 35      | 25          | 0.714               | 68        | 43          | 0.632               | 7288     | 3021        | 0.415               |
| 901   | 3009    | 4410   | 140163 | <a href="#">Dmitri Maximovitch Gitman</a>  |  Brazil | <a href="#">Universidade de S6o Paulo USP</a>                            | <a href="#">Natural Sciences / Physics</a><br>Theoretical Physics  | 35      | 20          | 0.571               | 134       | 39          | 0.291               | 7231     | 1754        | 0.243               |
| 146   | 3010    | 4411   | 140176 | <a href="#">William Robson Schwartz</a>    |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision   Biometrics   Smart Surveillance   Surveillance                                    | 35      | 29          | 0.829               | 79        | 56          | 0.709               | 7196     | 4366        | 0.607               |
| 2   | 3011    | 4412   | 140177 | <a href="#">Rafaela Campostrini Forzza</a> |  Brazil | <a href="#">Instituto de Pesquisas Jardim Bot6nico do Rio de Janeiro</a> | <a href="#">Jardim Bot6nico do rio de Janeiro</a><br>Bot6nica  | 35      | 24          | 0.686               | 114       | 68          | 0.596               | 7195     | 3968        | 0.551               |
| 6   | 3012    | 4414   | 140228 | <a href="#">Jo6o Carlos De Moraes S6</a>   |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>               | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Science   | 35      | 27          | 0.771               | 73        | 47          | 0.644               | 7094     | 2985        | 0.421               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 902   | 3013    | 4415   | 140245 | <a href="#">Juan Carlos Gutierrez Fernandez</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Mathematics</a><br>matematica   | 35      | 21          | 0.600               | 144       | 54          | 0.375               | 7058     | 2400        | 0.340               |
| 15  | 3014    | 4416   | 140253 | <a href="#">José Luís Campana Camargo</a>             |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">Natural Sciences / Biological Science</a><br>ecologia tropical   fragmentação florestal   fenologia   sementes   plântulas                   | 35      | 30          | 0.857               | 52        | 44          | 0.846               | 7036     | 4441        | 0.631               |
| 27  | 3015    | 4419   | 140403 | <a href="#">Federico Costa</a>                        |  Brazil   | <a href="#">Universidade Federal da Bahia</a>               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Ecology   Social and environmental determinants of Health | 35      | 33          | 0.943               | 66        | 65          | 0.985               | 6761     | 5321        | 0.787               |
| 43  | 3016    | 4421   | 140449 | <a href="#">Juliana Carla Garcia Moraes</a>           |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 35      | 27          | 0.771               | 117       | 62          | 0.530               | 6687     | 3071        | 0.459               |
| 3   | 3017    | 4423   | 140524 | <a href="#">Daniela Zappi</a>                         |  Brazil   | <a href="#">Instituto Tecnológico Vale</a>                  | <a href="#">Conservation Scientist</a><br>Cactaceae   Rubiaceae   Taxonomy of Angiosperms   Neotropical botany   | 35      | 25          | 0.714               | 95        | 67          | 0.705               | 6568     | 3422        | 0.521               |
| 91  | 3018    | 4426   | 140640 | <a href="#">Felipe Gomes Naveca</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Pesquisador do Instituto Leônidas e Maria Deane, Fiocruz, Amazonas</a><br>Virologia   Microbiologia   Genômica   Imunologia                  | 35      | 31          | 0.886               | 71        | 59          | 0.831               | 6394     | 5802        | 0.907               |
| 903   | 3019    | 4427   | 140663 | <a href="#">José Eduardo Faria</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSão Paulo</a><br>direito   sociologia   sociologia jurídica   sociologia do direito   ciência política                              | 35      | 19          | 0.543               | 72        | 32          | 0.444               | 6365     | 1306        | 0.205               |
| 40  | 3020    | 4428   | 140693 | <a href="#">Lucimara Stolz Roman</a>                  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>energia solar   sensores   nanotubos de carbono   grafeno   polímeros               | 35      | 19          | 0.543               | 90        | 45          | 0.500               | 6338     | 1677        | 0.265               |
| 25  | 3021    | 4429   | 140695 | <a href="#">Felipe Pl Melo</a>                        |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">UniversidPernambuco</a><br>Conservation biology   ecology   biodiversity   | 35      | 30          | 0.857               | 49        | 46          | 0.939               | 6336     | 4613        | 0.728               |
| 5   | 3022    | 4431   | 140780 | <a href="#">Marcelo Leite Lyra</a>                    |  Brazil | <a href="#">Universidade Federal de Alagoas</a>             | <a href="#">Natural Sciences / Physics</a><br>fisica   | 35      | 18          | 0.514               | 136       | 52          | 0.382               | 6223     | 1814        | 0.291               |
| 904   | 3023    | 4433   | 140791 | <a href="#">Luiz Cr Carpinetti</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Quality management   operations performance management      | 35      | 27          | 0.771               | 71        | 46          | 0.648               | 6216     | 3366        | 0.542               |
| 905   | 3024    | 4437   | 140851 | <a href="#">Clarice Gb Demetrio</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">ESALQ/P</a>  | 35      | 25          | 0.714               | 87        | 54          | 0.621               | 6162     | 2527        | 0.410               |
| 92  | 3025    | 4439   | 140896 | <a href="#">Cláudio Tadeu Daniel-Ribeiro Dsc Drhc</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Parasitologia   Medicina Tropical   Malariologia                                | 35      | 22          | 0.629               | 115       | 52          | 0.452               | 6122     | 3201        | 0.523               |
| 49  | 3026    | 4440   | 140916 | <a href="#">Marcos Hortes N. Chagas</a>               |  Brazil | <a href="#">Universidade Federal de São Carlos</a>          |  | 35      | 28          | 0.800               | 77        | 66          | 0.857               | 6099     | 4268        | 0.700               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 25  | 3027    | 4444   | 141043 | <a href="#">Suzete Chiviawosky</a>          |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Social Sciences / Psychology</a><br>Motor Learning   (Aprendizagem Motora)   Sport Psychology   Movement Science   Educação Física  | 35      | 28          | 0.800               | 60        | 44          | 0.733               | 5975     | 2956        | 0.495               |
| 906   | 3028    | 4446   | 141166 | <a href="#">Lucio Freitas Junior</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Drug Discovery   Neglected Tropical Diseases   Antigenic Variation   Neglected Diseases   Phenotypic Screening | 35      | 27          | 0.771               | 66        | 56          | 0.848               | 5848     | 2283        | 0.390               |
| 43  | 3029    | 4447   | 141173 | <a href="#">Daniel Oliveira Cajueiro</a>    |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Machine Learning   Finance   Banking   Complex Systems   Optimization   | 35      | 26          | 0.743               | 87        | 50          | 0.575               | 5840     | 2536        | 0.434               |
| 907   | 3030    | 4449   | 141193 | <a href="#">Alfredo Jose Mansur</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Cardiology</a><br>Medicina   Cardiologia   Saúde Cardiovascular   Endocardite Infecçiosa   Insuficiência Cardíaca                             | 35      | 21          | 0.600               | 92        | 41          | 0.446               | 5819     | 2261        | 0.389               |
| 908   | 3031    | 4450   | 141230 | <a href="#">Magnus Gidlund</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | Cardiovascular Immunology   Vaccine   | 35      | 15          | 0.429               | 104       | 26          | 0.250               | 5792     | 792         | 0.137               |
| 909   | 3032    | 4451   | 141255 | <a href="#">Paulo Manuel Pêgo Fernandes</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Thoracic Surgery</a><br>Thoracic surgery   Lung Transplantation   Lung Cancer   Minimally Invasive Surgery   Robotic Surgical Procedures      | 35      | 20          | 0.571               | 144       | 62          | 0.431               | 5774     | 2323        | 0.402               |
| 44  | 3033    | 4452   | 141267 | <a href="#">Bernardo Mueller</a>            |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economics   institutions   complexity   development   | 35      | 21          | 0.600               | 67        | 35          | 0.522               | 5767     | 1652        | 0.286               |
| 27  | 3034    | 4453   | 141270 | <a href="#">Scientia Medica</a>             |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medicina da Pontifícia UniversidCatólica do RS</a><br>Medicina   Ciências da Saúde  | 35      | 21          | 0.600               | 146       | 92          | 0.630               | 5765     | 2962        | 0.514               |
| 147   | 3035    | 4454   | 141308 | <a href="#">Luciano Mendes Faria Filho</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">History, Philosophy, Theology / History</a><br>Educação   | 35      | 19          | 0.543               | 68        | 33          | 0.485               | 5737     | 1589        | 0.277               |
| 910   | 3036    | 4455   | 141326 | <a href="#">Francisco Louzada</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Statistical Inference   Survival Analysis   Machine Learning   Data Mining.  | 35      | 27          | 0.771               | 120       | 84          | 0.700               | 5723     | 3506        | 0.613               |
| 174   | 3037    | 4458   | 141418 | <a href="#">Ary Fernandes Junior</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>produtos naturais   Microbiologia   | 35      | 28          | 0.800               | 68        | 59          | 0.868               | 5669     | 2693        | 0.475               |
| 911   | 3038    | 4461   | 141500 | <a href="#">Marcos Fava Neves</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Business &amp; Management / Strategic Management</a><br>Strategic planning and management   food and agribusiness   | 35      | 18          | 0.514               | 121       | 42          | 0.347               | 5614     | 1620        | 0.289               |
| 912   | 3039    | 4463   | 141557 | <a href="#">Glauca Mendes Souza</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a><br>bioenergia   cana-de-açúcar   biotecnologia   biologia sintética   biologia de sistemas   | 35      | 26          | 0.743               | 58        | 46          | 0.793               | 5588     | 2715        | 0.486               |
| 913   | 3040    | 4464   | 141575 | <a href="#">Carlos Augusto Pasqualucci</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | Cardiovascular Pathology  | 35      | 27          | 0.771               | 82        | 53          | 0.646               | 5579     | 3146        | 0.564               |
| 12  | 3041    | 4465   | 141582 | <a href="#">Daniel Pasquini</a>             |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química de Polímeros e Superfícies   Colóides   Polímeros de fontes renováveis   Compósitos   Nanocompósitos             | 35      | 30          | 0.857               | 63        | 59          | 0.937               | 5576     | 3578        | 0.642               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 41  | 3042    | 4468   | 141599 | <a href="#">Fellype De Carvalho Barreto</a>     |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                             | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia   | 35      | 26          | 0.743               | 62        | 50          | 0.806               | 5564     | 2616        | 0.470               |
| 126   | 3043    | 4469   | 141642 | <a href="#">Luciano Goldani</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectious Diseases   | 35      | 19          | 0.543               | 96        | 44          | 0.458               | 5527     | 2037        | 0.369               |
| 148   | 3044    | 4471   | 141760 | <a href="#">Cristiano Fantini</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria condensada   | 35      | 22          | 0.629               | 72        | 45          | 0.625               | 5443     | 1977        | 0.363               |
| 149   | 3045    | 4472   | 141770 | <a href="#">Angelo De Fatima</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Biológica   Química Orgânica   Química Farmacêutica e Medicinal   Microbiologia   Bioquímica | 35      | 25          | 0.714               | 80        | 57          | 0.713               | 5435     | 2964        | 0.545               |
| 175   | 3046    | 4474   | 141854 | <a href="#">Jose Eduardo Corrente</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Epidemiologia   Epidemiologia Nutricional                                    | 35      | 24          | 0.686               | 132       | 76          | 0.576               | 5386     | 2490        | 0.462               |
| 15  | 3047    | 4475   | 141871 | <a href="#">Angela Da Rocha</a>                 |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Business &amp; Management / Business Administration</a><br>International Business  | 35      | 21          | 0.600               | 83        | 36          | 0.434               | 5378     | 1491        | 0.277               |
| 127   | 3048    | 4476   | 141890 | <a href="#">Lisandro Zambenedetti Granville</a> |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>computer networks   network management  | 35      | 27          | 0.771               | 114       | 63          | 0.553               | 5362     | 2833        | 0.528               |
| 914   | 3049    | 4477   | 141919 | <a href="#">Maria De Lourdes Brizot</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Medicina Fetal   Obstetrícia   Gestação de alto risco   gemelidade                | 35      | 17          | 0.486               | 75        | 30          | 0.400               | 5344     | 1312        | 0.246               |
| 44  | 3050    | 4480   | 141961 | <a href="#">Gilberto Pavanelli</a>              |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                           |  | 35      | 19          | 0.543               | 114       | 45          | 0.395               | 5323     | 1687        | 0.317               |
| 915   | 3051    | 4481   | 141962 | <a href="#">Ricardo Hirata</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">SaoPaulo(P)andofGroundwaterResource&amp;#226</a><br>Hydrogeology   Geology   Environment   Water resource  | 35      | 25          | 0.714               | 100       | 64          | 0.640               | 5323     | 2365        | 0.444               |
| 45  | 3052    | 4482   | 141980 | <a href="#">Jamil Constantin</a>                |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                           | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Proteção de Plantas   Plantas Daninhas   Herbicidas   Resistência                    | 35      | 23          | 0.657               | 143       | 70          | 0.490               | 5313     | 2410        | 0.454               |
| 916   | 3053    | 4484   | 142036 | <a href="#">Luiz Antonio Machado Cesar</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">MedicinP</a><br>doença coronária   aterosclerose   angina do peito.  | 35      | 17          | 0.486               | 89        | 34          | 0.382               | 5281     | 1317        | 0.249               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 176   | 3054    | 4485   | 142060 | <a href="#">Antonio Baldo Geraldo Martins</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fruticultura e propagação de plantas   | 35      | 20          | 0.571               | 141       | 54          | 0.383               | 5269     | 1855        | 0.352               |
| 10  | 3055    | 4486   | 142071 | <a href="#">Renato Krohling</a>                |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial intelligence   deep neural networks   computer aided diagnostics   Swarm and evolutionary computation   fuzzy decision | 35      | 27          | 0.771               | 60        | 46          | 0.767               | 5264     | 2427        | 0.461               |
| 917   | 3056    | 4487   | 142097 | <a href="#">Sayuri Miyamoto</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a>   | 35      | 26          | 0.743               | 73        | 58          | 0.795               | 5251     | 2933        | 0.559               |
| 14  | 3057    | 4489   | 142108 | <a href="#">Ruth Ferreira Galduróz</a>         |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociência   Educação e saúde  | 35      | 25          | 0.714               | 59        | 47          | 0.797               | 5246     | 2222        | 0.424               |
| 918   | 3058    | 4490   | 142121 | <a href="#">Jaime Simão Sichman</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>artificial intelligence   multiagent systems  | 35      | 12          | 0.343               | 86        | 18          | 0.209               | 5238     | 776         | 0.148               |
| 3   | 3059    | 4491   | 142145 | <a href="#">Mário Marcos Do Espírito Santo</a> |  Brazil   | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a>       | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia e Conservação  | 35      | 28          | 0.800               | 70        | 51          | 0.729               | 5226     | 3370        | 0.645               |
| 919   | 3060    | 4493   | 142195 | <a href="#">Reury Frank Bacurau</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Sao Paulo - Brazil</a><br>Exercise immunology   immunology   | 35      | 22          | 0.629               | 61        | 39          | 0.639               | 5206     | 1567        | 0.301               |
| 234   | 3061    | 4495   | 142216 | <a href="#">Leandro Villas</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Distributed Systems   Machine Learning   | 35      | 28          | 0.800               | 115       | 93          | 0.809               | 5193     | 3760        | 0.724               |
| 5   | 3062    | 4496   | 142230 | <a href="#">Altigran Soares Da Silva</a>       |  Brazil  | <a href="#">Universidade Federal do Amazonas UFAM</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Information Retrieval   Web Data Management   | 35      | 15          | 0.429               | 88        | 28          | 0.318               | 5188     | 936         | 0.180               |
| 5   | 3063    | 4498   | 142289 | <a href="#">Luiz Gonzaga Paula De Almeida</a>  |  Brazil | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>          | <a href="#">Laboratório Nacional de Computação Científica</a><br>Bioinformatics   genomics   | 35      | 29          | 0.829               | 64        | 55          | 0.859               | 5157     | 3168        | 0.614               |
| 121   | 3064    | 4499   | 142351 | <a href="#">Wilson Jem Costa</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Sistemática   Evolução   | 35      | 20          | 0.571               | 139       | 59          | 0.424               | 5127     | 1649        | 0.322               |
| 128   | 3065    | 4500   | 142362 | <a href="#">Jonder Moraes</a>                  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>Surface Science   Nanoparticles   Materials Science   Synchrotron  | 35      | 19          | 0.543               | 79        | 33          | 0.418               | 5121     | 1296        | 0.253               |
| 42  | 3066    | 4501   | 142393 | <a href="#">Andre Rodacki</a>                  |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Biomecânica envelhecimento atividadefisica treinamento idosos </a><br>Biomecânica   envelhecimento   atividade física   treinamento   idosos   | 35      | 27          | 0.771               | 94        | 67          | 0.713               | 5104     | 2490        | 0.488               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 177   | 3067    | 4503   | 142433 | <a href="#">Rinaldo Poncio Mendes</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Moléstias Infecciosas Parasitárias</a><br>Micoses sistêmicas   Paracoccidiodomicose   Histoplasmose   Criptococose   Candidíase   | 35      | 20          | 0.571               | 80        | 38          | 0.475               | 5087     | 1700        | 0.334               |
| 50  | 3068    | 4507   | 142496 | <a href="#">Paulo S Lopes</a>                 |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e Melhoramento dos Animais Domésticos   | 35      | 20          | 0.571               | 155       | 61          | 0.394               | 5058     | 1960        | 0.388               |
| 235   | 3069    | 4508   | 142498 | <a href="#">Benedicto De Campos Vidal</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Colágeno Tendão Cromatina Anisotropias ópticas FTIR </a><br>Colágeno   Tendão   Cromatina   Anisotropias ópticas   FTIR   | 35      | 20          | 0.571               | 119       | 37          | 0.311               | 5058     | 1465        | 0.290               |
| 51  | 3070    | 4509   | 142544 | <a href="#">Afonso Mota Ramos</a>             |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Frutas e Hortaliças   Desenvolvimento de produtos   Reologia de Alimentos  | 35      | 25          | 0.714               | 94        | 63          | 0.670               | 5037     | 2721        | 0.540               |
| 920   | 3071    | 4510   | 142577 | <a href="#">Geologia Usp Série Científica</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geology   Geosciences  | 35      | 20          | 0.571               | 145       | 82          | 0.566               | 5022     | 2468        | 0.491               |
| 150   | 3072    | 4512   | 142608 | <a href="#">Debmalya Barh</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Integrative Omics   Precision Medicine   Neuropsychiatry   Infectious Disease   | 35      | 28          | 0.800               | 128       | 95          | 0.742               | 5003     | 3348        | 0.669               |
| 122   | 3073    | 4513   | 142617 | <a href="#">Claudia Werner</a>                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Engenharia de Software   | 35      | 16          | 0.457               | 131       | 30          | 0.229               | 5001     | 1032        | 0.206               |
| 151   | 3074    | 4515   | 142634 | <a href="#">Alexander Birbrair</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell biology   | 35      | 34          | 0.971               | 77        | 76          | 0.987               | 4994     | 4022        | 0.805               |
| 1   | 3075    | 4516   | 142652 | <a href="#">Waldemar Aa Macedo</a>            |  Brazil | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a>        | <a href="#">Pesquisador Titular, Centro de Desenvolvimento da Tecnologia Nuclear / Comissão ...</a><br>Materiais magnéticos   nanociência/nanotecnologia   superfícies e filmes finos   técnicas nucleares   espectroscopia Mössbauer | 35      | 23          | 0.657               | 89        | 60          | 0.674               | 4987     | 2108        | 0.423               |
| 58  | 3076    | 4517   | 142657 | <a href="#">Samuel Rezende Paiva</a>          |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetic resources   genetics   genomics   evolution  | 35      | 26          | 0.743               | 95        | 63          | 0.663               | 4985     | 2524        | 0.506               |
| 66  | 3077    | 4518   | 142673 | <a href="#">Marli Galvao</a>                  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | Enfermagem   AIDS   HIV   promoção da saúde   autocuidado   | 35      | 21          | 0.600               | 148       | 66          | 0.446               | 4980     | 1918        | 0.385               |
| 18  | 3078    | 4519   | 142676 | <a href="#">Janine Inez Rossato</a>           |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>            |   | 35      | 22          | 0.629               | 49        | 35          | 0.714               | 4979     | 1597        | 0.321               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 921   | 3079    | 4520   | 142681 | <a href="#">Claudio M Costa Neto</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Molecular Pharmacology   Receptors   GPCR   7TMRs  | 35      | 22          | 0.629               | 73        | 44          | 0.603               | 4976     | 1739        | 0.349               |
| 3   | 3080    | 4521   | 142687 | <a href="#">Clistenes Williams Araujo</a>         |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>                                   | <a href="#">UFRPE</a><br>SOIL SCIENCE   | 35      | 25          | 0.714               | 112       | 84          | 0.750               | 4973     | 2606        | 0.524               |
| 123   | 3081    | 4524   | 142744 | <a href="#">Claudio JA Mota</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise   Química Verde   Biomassa   CO2   Energia   | 35      | 27          | 0.771               | 88        | 42          | 0.477               | 4947     | 2121        | 0.429               |
| 152   | 3082    | 4528   | 142861 | <a href="#">Jônatas Abrahão</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Virologia   Evolução  | 35      | 27          | 0.771               | 125       | 101         | 0.808               | 4888     | 3395        | 0.695               |
| 10  | 3083    | 4529   | 142863 | <a href="#">Roberto Jerônimo Dos Santos Silva</a> |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>  | <a href="#">Education / Education</a><br>Educação física   cineantropometria   Atividade Física relacionada à saúde   comportamentos de risco em adolescentes   Saúde                 | 35      | 26          | 0.743               | 98        | 61          | 0.622               | 4887     | 2227        | 0.456               |
| 75  | 3084    | 4531   | 142889 | <a href="#">Isabel Scaletsky</a>                  |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Bacterial pathogenesis  | 35      | 17          | 0.486               | 64        | 31          | 0.484               | 4877     | 1203        | 0.247               |
| 236   | 3085    | 4532   | 142936 | <a href="#">José Flávio Affonso Almeida</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontics  | 35      | 31          | 0.886               | 69        | 55          | 0.797               | 4857     | 3154        | 0.649               |
| 46  | 3086    | 4533   | 142955 | <a href="#">Geraldo Tadeu Dos Santos</a>          |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>   | <a href="#">UNIVERSIDADE ESTADUAL MARINGÁ</a><br>Bovinocultura de leite   Qualidade do Leite   Avaliação de Alimentos   Antioxidantes   Lipídeos                                      | 35      | 18          | 0.514               | 137       | 44          | 0.321               | 4850     | 1617        | 0.333               |
| 1   | 3087    | 4534   | 142972 | <a href="#">Flavio Vasconcelos</a>                |  Brazil  | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor Titular, FGV/EBAPE</a><br>Administração   | 35      | 16          | 0.457               | 56        | 28          | 0.500               | 4845     | 1443        | 0.298               |
| 922   | 3088    | 4536   | 142985 | <a href="#">Helena Ribeiro</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">SaúAmbiental</a><br>saúde ambiental   geografia da saúde   saúde urbana   | 35      | 27          | 0.771               | 109       | 65          | 0.596               | 4837     | 2565        | 0.530               |
| 129   | 3089    | 4537   | 142987 | <a href="#">Cleonice Bosa</a>                     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Social Sciences / Psychology</a><br>psicologia do desenvolvimento   autismo   | 35      | 27          | 0.771               | 68        | 54          | 0.794               | 4837     | 2448        | 0.506               |
| 52  | 3090    | 4538   | 143004 | <a href="#">Helen Hermana Miranda Hermsdorff</a>  |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Doenças Crônicas Não Transmissíveis   Bioquímica Nutricional   Obesidade   Inflamação   Genômica Nutricional | 35      | 27          | 0.771               | 91        | 77          | 0.846               | 4831     | 2997        | 0.620               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 153   | 3091    | 4539   | 143038 | <a href="#">Ricardo HC Takahashi</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Mathematics</a><br>optimization theory   computational intelligence   control theory   evolutionary computation   multiobjective optimization | 35      | 16          | 0.457               | 113       | 29          | 0.257               | 4820     | 1210        | 0.251               |
| 923   | 3092    | 4540   | 143039 | <a href="#">Silvana Martins Mishima</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Ribeirão Preto P</a><br>Enfermagem em Saúde Pública   atenção primária à saúde   gestão e planejamento em saúde  | 35      | 18          | 0.514               | 105       | 43          | 0.410               | 4820     | 1295        | 0.269               |
| 924   | 3093    | 4541   | 143079 | <a href="#">Maria Tereza Nunes</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Endócrina   | 35      | 21          | 0.600               | 109       | 61          | 0.560               | 4802     | 1779        | 0.370               |
| 925   | 3094    | 4542   | 143090 | <a href="#">Silvana Quintana</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Women's Health   STD   Vertical Transmission   HIV   HPV  | 35      | 25          | 0.714               | 87        | 54          | 0.621               | 4800     | 2456        | 0.512               |
| 3   | 3095    | 4545   | 143137 | <a href="#">Ana Flavia Granville Garcia</a>     |  Brazil   | <a href="#">Universidade Estadual da Paraíba UEPB</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Epidemiologia   | 35      | 29          | 0.829               | 125       | 90          | 0.720               | 4780     | 3088        | 0.646               |
| 926   | 3096    | 4547   | 143217 | <a href="#">Maria Cristina Foss Freitas</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | Diabetes mellitus and insulin resistance   | 35      | 24          | 0.686               | 79        | 49          | 0.620               | 4752     | 1893        | 0.398               |
| 10  | 3097    | 4548   | 143243 | <a href="#">Paolo Salvalaggio</a>               |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                         | <a href="#">Professor de Cirurgia, Hospital Israelita Albert Einstein</a><br>Transplantes  | 35      | 21          | 0.600               | 76        | 46          | 0.605               | 4745     | 1759        | 0.371               |
| 130   | 3098    | 4549   | 143252 | <a href="#">Claudio Rosito Jung</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Processing   Computer Vision   Pattern Recognition  | 35      | 22          | 0.629               | 82        | 49          | 0.598               | 4741     | 2001        | 0.422               |
| 154   | 3099    | 4550   | 143279 | <a href="#">Karina Braga Gomes</a>              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Genética   marcadores laboratoriais   metabolismo  | 35      | 29          | 0.829               | 114       | 88          | 0.772               | 4731     | 3235        | 0.684               |
| 131   | 3100    | 4553   | 143324 | <a href="#">Marco Antônio Pereira Teixeira</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">RioGrandeSul</a><br>orientação profissional   aconselhamento de carreira   adaptação à universidade   psicometria  | 35      | 26          | 0.743               | 73        | 53          | 0.726               | 4712     | 2300        | 0.488               |
| 16  | 3101    | 4554   | 143331 | <a href="#">Jorge Ferreira Da Silva</a>         |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Business &amp; Management / Strategic Management</a><br>Impacts of strategies on the performance of firms and industries   | 35      | 24          | 0.686               | 84        | 50          | 0.595               | 4710     | 1993        | 0.423               |
| 124   | 3102    | 4555   | 143344 | <a href="#">Heitor Siffert Pereira De Souza</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterology   mucosal immunology   IBD  | 35      | 24          | 0.686               | 67        | 53          | 0.791               | 4704     | 2940        | 0.625               |
| 155   | 3103    | 4557   | 143427 | <a href="#">Livia C Magalhães</a>               |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Social Sciences / Child Development</a><br>child development   | 35      | 23          | 0.657               | 78        | 50          | 0.641               | 4671     | 1796        | 0.385               |





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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 93  | 3104    | 4558   | 143435 | <a href="#">Trab. Educ. Saúde</a>                      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  |  | 35      | 23          | 0.657               | 55        | 41          | 0.745               | 4668     | 2014        | 0.431               |
| 125   | 3105    | 4559   | 143447 | <a href="#">Nelson Spector</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology   Pathology   | 35      | 18          | 0.514               | 84        | 32          | 0.381               | 4662     | 1142        | 0.245               |
| 156   | 3106    | 4560   | 143475 | <a href="#">Maria Irene Yoshida</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Ambiental   Termoestabilidade de sólidos   | 35      | 25          | 0.714               | 114       | 67          | 0.588               | 4650     | 2568        | 0.552               |
| 2   | 3107    | 4562   | 143491 | <a href="#">Matheus Melo Pithon</a>                    |  Brazil   | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>             | <a href="#">Professor Orthodontics, Southwest Bahia State University</a><br>Ortodontia   | 35      | 25          | 0.714               | 137       | 93          | 0.679               | 4640     | 2836        | 0.611               |
| 4   | 3108    | 4563   | 143502 | <a href="#">Luciane Maria Colla</a>                    |  Brazil   | <a href="#">Universidade de Passo Fundo</a>                            | <a href="#">biotecnologia alimentos ambiental </a><br>biotecnologia   alimentos   ambiental  | 35      | 29          | 0.829               | 76        | 65          | 0.855               | 4636     | 2857        | 0.616               |
| 3   | 3109    | 4564   | 143507 | <a href="#">Ademar Benévolo Lução</a>                  |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>         | <a href="#">Tecnologia de polímeros e processamento por radiação, Instituto de Pesquisas Energéticas ...</a><br>radiation processing   biomaterials   nanoparticles   hydrogel   wound dressings | 35      | 21          | 0.600               | 105       | 51          | 0.486               | 4634     | 1873        | 0.404               |
| 927   | 3110    | 4565   | 143509 | <a href="#">Paulo Tambasco De Oliveira</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   Bone Biology   Periodontal Tissues  | 35      | 21          | 0.600               | 83        | 51          | 0.614               | 4633     | 1631        | 0.352               |
| 126   | 3111    | 4566   | 143535 | <a href="#">Maria Ines Bruno Tavares</a>               |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia   Nanocompósitos   RMN   NMR relaxation   Alimentos  | 35      | 26          | 0.743               | 142       | 70          | 0.493               | 4624     | 2457        | 0.531               |
| 928   | 3112    | 4567   | 143551 | <a href="#">Diná De Almeida Lopes Monteiro Da Cruz</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">EnfermagemUniversidSão Paulo</a><br>Classificações   Teorias e Conceitos   Raciocínio Clínico   Medidas   Enfermagem Baseada em Evidências   | 35      | 21          | 0.600               | 109       | 52          | 0.477               | 4620     | 1688        | 0.365               |
| 132   | 3113    | 4568   | 143558 | <a href="#">Clarissa Marcelli Trentini</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Psychology</a><br>Psicologia   avaliação psicológica   psicopatologia.   | 35      | 23          | 0.657               | 80        | 57          | 0.713               | 4618     | 2245        | 0.486               |
| 178   | 3114    | 4569   | 143561 | <a href="#">Pedro Luis Costa Aguiar Alves</a>          |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Weed physiology  | 35      | 18          | 0.514               | 127       | 56          | 0.441               | 4617     | 1742        | 0.377               |
| 7   | 3115    | 4571   | 143589 | <a href="#">Wilson Massamitu Furuya</a>                |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Aqüicultura - NutriÃ§ão Peixes (Aquaculture - Fish Nutrition) </a><br>Aqüicultura - Nutrição de Peixes (Aquaculture - Fish Nutrition)  | 35      | 20          | 0.571               | 119       | 47          | 0.395               | 4609     | 1532        | 0.332               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 929        | 3116    | 4573   | 143645 | <a href="#">Cassia Maria Buchalla</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia  | 35      | 17          | 0.486               | 67        | 32          | 0.478               | 4587     | 1308        | 0.285               |
| 13         | 3117    | 4575   | 143647 | <a href="#">José Roberto Camacho</a>                    |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>             | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems   Alternative Energy   Electrical Machines   Finite Elements   Numerical Methods | 35      | 27          | 0.771               | 91        | 62          | 0.681               | 4586     | 2209        | 0.482               |
| 930        | 3118    | 4576   | 143696 | <a href="#">Fernanda Baeza Scagliusi</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  |  | 35      | 25          | 0.714               | 84        | 60          | 0.714               | 4565     | 2169        | 0.475               |
| 1          | 3119    | 4577   | 143726 | <a href="#">Darlene Mara Dos Santos Tavares</a>         |  Brazil   | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a> | <a href="#">Enfermeira.Enfermagã€</a><br>Saúde do Idoso   Enfermagem Geriátrica   Saúde Coletiva   Saúde da Família  | 35      | 24          | 0.686               | 123       | 84          | 0.683               | 4557     | 2479        | 0.544               |
| 931        | 3120    | 4579   | 143772 | <a href="#">Oswaldo Yoshimi Tanaka</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | avaliacao de servicos e sistemas de saude  | 35      | 21          | 0.600               | 72        | 45          | 0.625               | 4544     | 1684        | 0.371               |
| 932        | 3121    | 4580   | 143784 | <a href="#">Yvonne Primerano Mascarenhas</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">UniversidSao Paulo</a><br>Cristalografia   | 35      | 21          | 0.600               | 124       | 47          | 0.379               | 4539     | 1682        | 0.371               |
| 933        | 3122    | 4581   | 143794 | <a href="#">Gerson Barreto Mourão</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e genômica em animais domésticos   | 35      | 27          | 0.771               | 109       | 71          | 0.651               | 4536     | 2579        | 0.569               |
| 127        | 3123    | 4582   | 143800 | <a href="#">Donato AG Aranda</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>catalysis biodiesel biofuel  | 35      | 21          | 0.600               | 85        | 46          | 0.541               | 4534     | 1616        | 0.356               |
| 237        | 3124    | 4584   | 143846 | <a href="#">Flávio Henrique Baggio Aguiar</a>           |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Dentística   Unicamp  | 35      | 25          | 0.714               | 112       | 77          | 0.688               | 4519     | 2320        | 0.513               |
| 238        | 3125    | 4585   | 143863 | <a href="#">Gabriela Macedo</a>                         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Microbiologia   Biotecnologia   Alimentos funcionais  | 35      | 28          | 0.800               | 92        | 69          | 0.750               | 4513     | 2460        | 0.545               |
| 47         | 3126    | 4586   | 143881 | <a href="#">Noboru Hioka</a>                            |  Brazil | <a href="#">Universidade Estadual de Maringá</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química   Terapia Fotodinâmica   Fotosensibilizadores   | 35      | 30          | 0.857               | 105       | 85          | 0.810               | 4509     | 2752        | 0.610               |
| 934        | 3127    | 4588   | 143916 | <a href="#">Mario Da Costa Campos Neto</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Earth Sciences  | 35      | 26          | 0.743               | 77        | 48          | 0.623               | 4497     | 1919        | 0.427               |
| 16         | 3128    | 4591   | 143971 | <a href="#">Marcelo Silva De Oliveira</a>               |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>            | <a href="#">Natural Sciences / Mathematics</a><br>Probabilidade e Estatística   Estatística Espacial   Teoria da Resposta ao Item   Teoria Quântica                                      | 35      | 21          | 0.600               | 114       | 52          | 0.456               | 4481     | 1782        | 0.398               |
| 37         | 3129    | 4592   | 144021 | <a href="#">Sara Marchesan De Oliveira</a>              |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Nociception   Pain   Inflammation  | 35      | 26          | 0.743               | 139       | 121         | 0.871               | 4464     | 3064        | 0.686               |

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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 45  | 3130    | 4594   | 144038 | <a href="#">Lucio Renno</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Social Sciences / Political Science</a><br>Political Behavior   Political Institutions   | 35      | 22          | 0.629               | 82        | 55          | 0.671               | 4460     | 1683        | 0.377               |
| 239   | 3131    | 4595   | 144047 | <a href="#">Irene Lorand Metze</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Hematology</a><br>onco-hematologia   citometria de fluxo   imunologia  | 35      | 16          | 0.457               | 123       | 40          | 0.325               | 4458     | 1243        | 0.279               |
| 17  | 3132    | 4596   | 144049 | <a href="#">Gustavo Tonoli</a>             |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>wood   cellulose   wood based materials   materials science   natural products  | 35      | 31          | 0.886               | 90        | 79          | 0.878               | 4458     | 3116        | 0.699               |
| 46  | 3133    | 4597   | 144056 | <a href="#">Cesar Koppe Grisolia</a>       |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">UniversidBrasília</a><br>genotoxicity   ecotoxicity   ecogenotoxicology   mutagenesis   bioethics  | 35      | 27          | 0.771               | 100       | 69          | 0.690               | 4456     | 2260        | 0.507               |
| 43  | 3134    | 4598   | 144067 | <a href="#">Jose Viriato Coelho Vargas</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">UFPR</a><br>Eng Mecânica   | 35      | 21          | 0.600               | 100       | 52          | 0.520               | 4452     | 1630        | 0.366               |
| 240   | 3135    | 4599   | 144071 | <a href="#">Rubens Caram</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia de Materiais   Metalurgia Física   Caracterização de Materiais   | 35      | 25          | 0.714               | 93        | 61          | 0.656               | 4451     | 2185        | 0.491               |
| 74  | 3136    | 4600   | 144085 | <a href="#">Edmundo C Grisard</a>          |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Parasitology   Protozoology   Cellular and Molecular Biology of Kinetoplastids   Host-Parasite Interaction   Genomics | 35      | 19          | 0.543               | 73        | 33          | 0.452               | 4447     | 1336        | 0.300               |
| 935   | 3137    | 4601   | 144090 | <a href="#">Jose Paulo Molin</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agricultura de precisão   máquinas agrícolas   | 35      | 23          | 0.657               | 108       | 55          | 0.509               | 4444     | 2005        | 0.451               |
| 936   | 3138    | 4604   | 144167 | <a href="#">Leda Leme Talib</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Biomarcadores   Doença de Alzheimer   esquizofrenia   psiquiatria  | 35      | 26          | 0.743               | 64        | 55          | 0.859               | 4418     | 2236        | 0.506               |
| 17  | 3139    | 4605   | 144187 | <a href="#">Marcelo Gattass</a>            |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Graphics   Image Processing   Computer Vision  | 35      | 25          | 0.714               | 116       | 57          | 0.491               | 4410     | 2181        | 0.495               |
| 28  | 3140    | 4606   | 144198 | <a href="#">Paulo Floriani Kramer</a>      |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   pediatric dentistry   | 35      | 22          | 0.629               | 75        | 51          | 0.680               | 4407     | 1986        | 0.451               |
| 44  | 3141    | 4607   | 144268 | <a href="#">Andersson Barison</a>          |  Brazil | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">RMNUFPR</a><br>Controle de qualidade por RMN   RMN aplicada a alimentos  | 35      | 25          | 0.714               | 134       | 93          | 0.694               | 4381     | 2515        | 0.574               |
| 45  | 3142    | 4608   | 144271 | <a href="#">Alexander Welker Biondo</a>    |  Brazil | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>One Health   Social Vulnerability   Zoonoses   Veterinary Medicine   Animal Clinical Pathology                          | 35      | 24          | 0.686               | 112       | 76          | 0.679               | 4380     | 2335        | 0.533               |

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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 937   | 3143    | 4612   | 144313 | <a href="#">Beatriz Rossetti Ferreira</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Vacinas   Carrapatos   Educação em Saúde  | 35      | 21          | 0.600               | 50        | 39          | 0.780               | 4367     | 1311        | 0.300               |
| 133   | 3144    | 4613   | 144333 | <a href="#">Alvaro Reischak Oliveira</a>       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia do Exercício   Função Endotelial   Risco Cardiovascular   Obesidade   Estresse Oxidativo        | 35      | 27          | 0.771               | 97        | 69          | 0.711               | 4360     | 2239        | 0.514               |
| 2   | 3145    | 4614   | 144347 | <a href="#">Eduardo Sergio Da Silva</a>        |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>          | Leishmanioses   Saúde Coletiva   Envelhecimento   Gestão Universitária   | 35      | 23          | 0.657               | 95        | 60          | 0.632               | 4357     | 1962        | 0.450               |
| 75  | 3146    | 4615   | 144359 | <a href="#">Mauro Luis Vieira</a>              |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Social Sciences / Psychology</a><br>Psicologia do Desenvolvimento  | 35      | 21          | 0.600               | 96        | 57          | 0.594               | 4353     | 1832        | 0.421               |
| 241   | 3147    | 4616   | 144360 | <a href="#">Marcelo G De Oliveira</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Biomateriais   Bioquímica do óxido nítrico   | 35      | 22          | 0.629               | 84        | 49          | 0.583               | 4353     | 1730        | 0.397               |
| 6   | 3148    | 4618   | 144391 | <a href="#">Edleno Silva De Moura</a>          |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                  | <a href="#">Amazonas</a><br>Information Retrieval   Web Search   Classification   Web Data Management  | 35      | 15          | 0.429               | 70        | 27          | 0.386               | 4344     | 846         | 0.195               |
| 46  | 3149    | 4619   | 144392 | <a href="#">Cesar Luiz Boguszewski</a>         |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Doenças Hipofisárias   Neuroendocrinologia   Obesidade   Metabolismo Ósseo   Tireóide    | 35      | 24          | 0.686               | 89        | 60          | 0.674               | 4343     | 2403        | 0.553               |
| 242   | 3150    | 4620   | 144426 | <a href="#">Bernadete Abaurre</a>              |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">AposentFonologiCampinas</a><br>Teoria Fonológica   Prosódia   Interface Sintaxe-Fonologia   Aquisição da Escrita   | 35      | 17          | 0.486               | 81        | 33          | 0.407               | 4333     | 1046        | 0.241               |
| 179   | 3151    | 4623   | 144482 | <a href="#">William Natale</a>                 |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>CND   Nutrição de Plantas   Fruticultura   Adubação   Calagem  | 35      | 17          | 0.486               | 140       | 47          | 0.336               | 4319     | 1548        | 0.358               |
| 18  | 3152    | 4625   | 144554 | <a href="#">Geraldo Andrade Carvalho</a>       |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | Selectivity   IPM   Biological Control   Natural insecticides  | 35      | 24          | 0.686               | 114       | 57          | 0.500               | 4300     | 2120        | 0.493               |
| 11  | 3153    | 4626   | 144555 | <a href="#">Jean Christophe Joyeux</a>         |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Biological oceanography   Ichthyology   Marine ecology   Biogeography   Oceanografia | 35      | 24          | 0.686               | 85        | 57          | 0.671               | 4300     | 2164        | 0.503               |
| 128   | 3154    | 4627   | 144566 | <a href="#">Marcelo Alvaro Da Silva Macedo</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">ContábeisFACC/UFRJ</a><br>Desempenho Organizacional. Controladoria e Finanças. Teoria da Decisão. Métodos Quantitativos Aplicados.                         | 35      | 24          | 0.686               | 104       | 64          | 0.615               | 4296     | 2389        | 0.556               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 18  | 3155    | 4629   | 144609 | <a href="#">Luiz Felipe Scavarda</a>                                |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Supply Chain Management   Operations Management                  | 35      | 30          | 0.857               | 59        | 50          | 0.847               | 4281     | 3024        | 0.706               |
| 50  | 3156    | 4630   | 144612 | <a href="#">Pedro Augusto De Paula Nascente</a>                     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                         | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Ciência de Superfícies   Engenharia de Superfícies   Filmes Finos | 35      | 20          | 0.571               | 92        | 39          | 0.424               | 4280     | 1362        | 0.318               |
| 53  | 3157    | 4631   | 144624 | <a href="#">Marcio Barbosa</a>                                      |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                         | <a href="#">Vicosa</a><br>breeding   genetic   sugarcane  | 35      | 19          | 0.543               | 110       | 54          | 0.491               | 4276     | 1822        | 0.426               |
| 48  | 3158    | 4632   | 144645 | <a href="#">Cloves Cabreira Jobim</a>                               |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                           | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>zootecnia   pastagens   feno   silagem   | 35      | 15          | 0.429               | 119       | 30          | 0.252               | 4271     | 1560        | 0.365               |
| 67  | 3159    | 4633   | 144652 | <a href="#">Lorena Barbosa Ximenes</a>                              |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                              | <a href="#">EnfermagemCeará</a><br>Enfermagem   Saúde da Criança  | 35      | 23          | 0.657               | 121       | 67          | 0.554               | 4269     | 1949        | 0.457               |
| 938   | 3160    | 4634   | 144661 | <a href="#">Uenis Tannuri</a>                                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>cirurgia pediátrica   transplante hepático   cirurgia experimental               | 35      | 18          | 0.514               | 119       | 52          | 0.437               | 4267     | 1551        | 0.363               |
| 26  | 3161    | 4635   | 144679 | <a href="#">Danyel Elias Da Cruz Perez</a>                          |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral cancer   Oral pathology   Oral diagnosis   Experimental pathology                             | 35      | 26          | 0.743               | 97        | 61          | 0.629               | 4262     | 2180        | 0.511               |
| 243   | 3162    | 4636   | 144707 | <a href="#">Fabiola Traina</a>                                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology Oncology   | 35      | 23          | 0.657               | 93        | 69          | 0.742               | 4253     | 2008        | 0.472               |
| 5   | 3163    | 4640   | 144744 | <a href="#">Paulo De Souza Gonçalves</a>                            |  Brazil | <a href="#">Instituto Agrônomo</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetic improvement   quantitative genetic   | 35      | 16          | 0.457               | 140       | 44          | 0.314               | 4241     | 1296        | 0.306               |
| 180   | 3164    | 4642   | 144791 | <a href="#">Valeria Cristina Sandrim Valeria Sandrim, V Sandrim</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     |   | 35      | 22          | 0.629               | 98        | 75          | 0.765               | 4231     | 1794        | 0.424               |
| 5   | 3165    | 4644   | 144834 | <a href="#">Jackson Adriano Albuquerque</a>                         |  Brazil | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   | 35      | 22          | 0.629               | 64        | 37          | 0.578               | 4219     | 1311        | 0.311               |
| 19  | 3166    | 4646   | 144857 | <a href="#">Henrique César Pereira Figueiredo</a>                   |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                        | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária Preventiva   Sanidade de Animais Aquáticos                          | 35      | 25          | 0.714               | 103       | 78          | 0.757               | 4210     | 2329        | 0.553               |
| 939   | 3167    | 4648   | 144911 | <a href="#">Sergio Paulo Campana Filho</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Físico-Química   Polímeros  | 35      | 26          | 0.743               | 81        | 54          | 0.667               | 4192     | 1908        | 0.455               |
| 940   | 3168    | 4649   | 144918 | <a href="#">Elma Zoboli</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">bioética atenção primária humanização</a><br>bioética   atenção primária   humanização.   | 35      | 23          | 0.657               | 107       | 60          | 0.561               | 4190     | 1831        | 0.437               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 3169    | 4650   | 144966 | <a href="#">Marcos Pascoal Pattussi</a>               |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   | 35      | 25          | 0.714               | 63        | 51          | 0.810               | 4174     | 1964        | 0.471               |
| 244   | 3170    | 4651   | 145018 | <a href="#">José Alberto Fracassi Da Silva</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Capillary Electrophoresis   Lab-on-a-Chip   Microfluidics   Bioanalysis   | 35      | 20          | 0.571               | 59        | 44          | 0.746               | 4158     | 1411        | 0.339               |
| 941   | 3171    | 4652   | 145078 | <a href="#">Patricia Helen De Carvalho Rondó</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatría   Nutrição   Saúde Pública  | 35      | 18          | 0.514               | 86        | 41          | 0.477               | 4137     | 1373        | 0.332               |
| 3   | 3172    | 4653   | 145095 | <a href="#">Josefredo R Pliego Jr</a>                 |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Theoretical chemistry   organocatalysis   fluorination   solvent effects   reaction mechanism  | 35      | 19          | 0.543               | 80        | 45          | 0.563               | 4131     | 1413        | 0.342               |
| 76  | 3173    | 4654   | 145111 | <a href="#">Karin A Riske</a>                         |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Biophysics</a><br>Biophysics   biomimetic systems   model membranes  | 35      | 24          | 0.686               | 54        | 41          | 0.759               | 4127     | 1697        | 0.411               |
| 942   | 3174    | 4656   | 145117 | <a href="#">Kette Dualibi Ramos Valente</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pediatric Neurology</a><br>Epilepsy   Clinical Neurophysiology   Child Neurology   Cognition   | 35      | 23          | 0.657               | 84        | 55          | 0.655               | 4125     | 1692        | 0.410               |
| 51  | 3175    | 4657   | 145188 | <a href="#">Carlos Trallero</a>                       |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Physics</a><br>Solid State Physics   Atomic Physics   Semiconductors   Low Dimensional Systems   Matemactical Physics   | 35      | 12          | 0.343               | 92        | 17          | 0.185               | 4101     | 529         | 0.129               |
| 16  | 3176    | 4660   | 145226 | <a href="#">Jean Michel Lafon</a>                     |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geociências   | 35      | 21          | 0.600               | 69        | 43          | 0.623               | 4091     | 1359        | 0.332               |
| 47  | 3177    | 4661   | 145247 | <a href="#">Eliete Guerra</a>                         |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Oral Pathology   Oral Medicine  | 35      | 31          | 0.886               | 78        | 65          | 0.833               | 4082     | 3387        | 0.830               |
| 31  | 3178    | 4662   | 145248 | <a href="#">Ricardo Guimarães Fischer</a>             |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Medical and Health Sciences / Dentistry</a><br>periodontia   | 35      | 24          | 0.686               | 70        | 53          | 0.757               | 4082     | 1773        | 0.434               |
| 48  | 3179    | 4665   | 145279 | <a href="#">Lícia Maria Henrique Da Mota</a>          |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Medicina   Reumatologia   Imunologia   | 35      | 24          | 0.686               | 86        | 61          | 0.709               | 4070     | 2126        | 0.522               |
| 943   | 3180    | 4667   | 145347 | <a href="#">Sílvia Helena De Carvalho Sales Peres</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | Obesity   Bariatric Surgery   Oral Conditions   Periodontal Disease   Dental Caries  | 35      | 23          | 0.657               | 104       | 69          | 0.663               | 4050     | 1970        | 0.486               |
| 181   | 3181    | 4668   | 145377 | <a href="#">Paulo Roberto De Aguiar</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Monitoramento   inteligência artificial   processos de fabricação   processamento digital de sinais   aquisição de dados | 35      | 33          | 0.943               | 103       | 80          | 0.777               | 4039     | 2831        | 0.701               |
| 944   | 3182    | 4670   | 145457 | <a href="#">Zago MMF</a>                              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">em</a><br>Enfermagem   oncologia   cultura   pesquisa qualitativa  | 35      | 19          | 0.543               | 89        | 42          | 0.472               | 4015     | 1272        | 0.317               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 38  | 3183    | 4671   | 145459 | <a href="#">Denise Bohrer</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical chemistry  | 35      | 19          | 0.543               | 107       | 39          | 0.364               | 4014     | 1279        | 0.319               |
| 945   | 3184    | 4672   | 145466 | <a href="#">Carlos Roberto F Brandão</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Biological Science</a>   | 35      | 17          | 0.486               | 81        | 32          | 0.395               | 4012     | 1310        | 0.327               |
| 129   | 3185    | 4674   | 145501 | <a href="#">Sueli Coelho Da Silva Carneiro</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Dermatologia   Reumatologia   Dermatologia   Rheumatology  | 35      | 24          | 0.686               | 86        | 53          | 0.616               | 4000     | 1956        | 0.489               |
| 3   | 3186    | 4676   | 145526 | <a href="#">Daiana Silva Avila</a>             |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>    | <a href="#">Pampa</a><br>toxicologia   bioquímica   nanotoxicologia   neurotoxicologia   Caenorhabditis elegans   | 35      | 25          | 0.714               | 74        | 63          | 0.851               | 3993     | 2432        | 0.609               |
| 245   | 3187    | 4678   | 145553 | <a href="#">Fausto Berzin</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> |   | 35      | 18          | 0.514               | 86        | 34          | 0.395               | 3983     | 1165        | 0.292               |
| 17  | 3188    | 4679   | 145554 | <a href="#">Maria Elena Crespo López</a>       |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>         | neurotoxicologia   farmacologia molecular   epidemiologia genética  | 35      | 26          | 0.743               | 81        | 68          | 0.840               | 3983     | 2364        | 0.594               |
| 52  | 3189    | 4680   | 145575 | <a href="#">Luiz A Pessan</a>                  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>        | <a href="#">SÃO Carlos Brazil</a>   | 35      | 21          | 0.600               | 104       | 57          | 0.548               | 3974     | 1713        | 0.431               |
| 246   | 3190    | 4681   | 145587 | <a href="#">Bruno Rodrigues</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | Fisiologia do Exercício   Fisiologia Cardiovascular   Fisiologia de Sistemas  | 35      | 24          | 0.686               | 101       | 80          | 0.792               | 3971     | 2418        | 0.609               |
| 3   | 3191    | 4682   | 145588 | <a href="#">Manuel Malheiro</a>                |  Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>  | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear   Física de Hádrons e Quarks   Astrofísica Relativística e Nuclear   | 35      | 18          | 0.514               | 75        | 39          | 0.520               | 3971     | 1504        | 0.379               |
| 157   | 3192    | 4683   | 145595 | <a href="#">Rodrigo Gribel Lacerda</a>         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Natural Sciences / Physics</a><br>carbon nanotubes   graphene   zinc oxide nanowires  | 35      | 19          | 0.543               | 73        | 35          | 0.479               | 3969     | 1179        | 0.297               |
| 39  | 3193    | 4684   | 145629 | <a href="#">Eliane Tatsch Neves</a>            |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>  | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Pediatric Nursing   saúde da criança   mixed method   family   palliative care                                 | 35      | 24          | 0.686               | 104       | 76          | 0.731               | 3957     | 2373        | 0.600               |
| 247   | 3194    | 4686   | 145650 | <a href="#">Eliana Amaral</a>                  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>saúde reprodutiva   doenças sexualmente transmissíveis   gravidez   qualidade da atenção   educação médica | 35      | 20          | 0.571               | 91        | 55          | 0.604               | 3949     | 1854        | 0.469               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 3195    | 4687   | 145658 | <a href="#">Landulfo Silveira Jr</a>            |  Brazil   | <a href="#">Universidade Anhembi Morumbi</a>                           | espectroscopia Raman   diagnóstico óptico   instrumentação biomédica  | 35      | 21          | 0.600               | 95        | 57          | 0.600               | 3948     | 1710        | 0.433               |
| 248   | 3196    | 4688   | 145659 | <a href="#">Walter Belik</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Economics &amp; Econometrics / Economics</a><br>Segurança Alimentar   Agroindústria   Política Agrícola   | 35      | 18          | 0.514               | 88        | 38          | 0.432               | 3948     | 1399        | 0.354               |
| 182   | 3197    | 4689   | 145678 | <a href="#">Ana Marisa Fusco Almeida</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | interação fungo hospedeiro   micologia   fármacos antifúngicos  | 35      | 27          | 0.771               | 87        | 75          | 0.862               | 3944     | 2655        | 0.673               |
| 946   | 3198    | 4690   | 145681 | <a href="#">Adriana Inocenti Miasso</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto P</a><br>Transtornos mentais e segurança na terapêutica medicamentosa  | 35      | 22          | 0.629               | 97        | 62          | 0.639               | 3943     | 1769        | 0.449               |
| 134   | 3199    | 4691   | 145716 | <a href="#">Teresa Dalla Costa</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacocinética   Modelagem PK/PD   | 35      | 17          | 0.486               | 99        | 41          | 0.414               | 3936     | 1304        | 0.331               |
| 15  | 3200    | 4693   | 145727 | <a href="#">Carlos Prentice</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Processamento de produtos aquáticos   Tecnologia de produtos de origem animal   Obtenção de peptídeos bioativos   Aproveitament | 35      | 29          | 0.829               | 95        | 68          | 0.716               | 3932     | 2772        | 0.705               |
| 130   | 3201    | 4694   | 145748 | <a href="#">Paulo A Maia Neto</a>               |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Physics</a><br>physics   | 35      | 20          | 0.571               | 71        | 41          | 0.577               | 3924     | 1169        | 0.298               |
| 28  | 3202    | 4697   | 145791 | <a href="#">Neuza Maria Alcântara Neves</a>     |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">alergia imunomodulaãããfo por parasitos </a><br>alergia   imunomodulação por parasitos   | 35      | 25          | 0.714               | 82        | 62          | 0.756               | 3910     | 1930        | 0.494               |
| 18  | 3203    | 4698   | 145865 | <a href="#">José Luiz Martins Do Nascimento</a> |  Brazil  | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">UFPA</a><br>Neuroquímica e Biologia celular   | 35      | 24          | 0.686               | 83        | 56          | 0.675               | 3884     | 1843        | 0.475               |
| 947   | 3204    | 4699   | 145869 | <a href="#">Sandro Rogerio De Almeida</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Mycology</a><br>micologia   imunologia   microbiologia  | 35      | 23          | 0.657               | 73        | 56          | 0.767               | 3882     | 1950        | 0.502               |
| 131   | 3205    | 4701   | 145929 | <a href="#">Abelardo Araujo</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Neurology</a><br>retrovirology   neuroinfections   neurology   virology   htiv  | 35      | 19          | 0.543               | 68        | 37          | 0.544               | 3866     | 1566        | 0.405               |
| 948   | 3206    | 4702   | 145935 | <a href="#">Pedro Fredemir Palha</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto</a>  | 35      | 20          | 0.571               | 87        | 58          | 0.667               | 3863     | 1708        | 0.442               |
| 949   | 3207    | 4706   | 145996 | <a href="#">Marco Andrey Cipriani Frade</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Medicina   Dermatologia   Cicatrização   Hanseníase   Terapia Celular                                      | 35      | 31          | 0.886               | 75        | 62          | 0.827               | 3847     | 2609        | 0.678               |
| 3   | 3208    | 4707   | 146015 | <a href="#">Eduardo Nassar</a>                  |  Brazil | <a href="#">Universidade de Franca UNIFRAN</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 35      | 18          | 0.514               | 114       | 50          | 0.439               | 3839     | 1475        | 0.384               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 3209    | 4709   | 146043 | <a href="#">Isac Almeida de Medeiros</a>           |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacy   Pharmacology   | 35      | 17          | 0.486               | 87        | 45          | 0.517               | 3830     | 1456        | 0.380               |
| 47  | 3210    | 4710   | 146046 | <a href="#">Carlos Mauricio Lepiensi</a>           |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                    | <a href="#">Tecnológica</a><br>propriedades mecânicas   materiais   filmes finos   superficies  | 35      | 20          | 0.571               | 110       | 58          | 0.527               | 3829     | 1484        | 0.388               |
| 132   | 3211    | 4711   | 146088 | <a href="#">Samuel Santos Valenca</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>            | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>COPD   oxidative stress   extracellular matrix   tissue repair  | 35      | 23          | 0.657               | 85        | 60          | 0.706               | 3816     | 1778        | 0.466               |
| 54  | 3212    | 4712   | 146094 | <a href="#">Mario Chizzotti</a>                    |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                |   | 35      | 23          | 0.657               | 83        | 54          | 0.651               | 3815     | 1893        | 0.496               |
| 133   | 3213    | 4713   | 146126 | <a href="#">Fernando Fernandez</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>            | <a href="#">(Rio)Janeiro</a><br>population ecology   conservation biology   paleoecology   mammals  | 35      | 19          | 0.543               | 86        | 39          | 0.453               | 3806     | 1221        | 0.321               |
| 20  | 3214    | 4714   | 146150 | <a href="#">João José Marques</a>                  |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>               | <a href="#">DosoUniversidLavras</a><br>pedologia e química ambiental  | 35      | 18          | 0.514               | 84        | 41          | 0.488               | 3798     | 1246        | 0.328               |
| 2   | 3215    | 4716   | 146153 | <a href="#">Fernando Rodolfo Espinoza Quiñones</a> |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a> | <a href="#">Natural Sciences / Physics</a><br>Física nuclear experimental   Ciências ambientais   Espectroscopia atômica e molecular  | 35      | 23          | 0.657               | 87        | 55          | 0.632               | 3797     | 2015        | 0.531               |
| 950   | 3216    | 4717   | 146159 | <a href="#">Leonardo De Boni</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Physics</a><br>Optics   Photonics   Nonlinear Optics   Ultrafast phenomenum  | 35      | 22          | 0.629               | 121       | 75          | 0.620               | 3795     | 1855        | 0.489               |
| 8   | 3217    | 4719   | 146176 | <a href="#">Marcelo Ricardo Vicari</a>             |  Brazil  | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   | 35      | 21          | 0.600               | 111       | 72          | 0.649               | 3790     | 1804        | 0.476               |
| 27  | 3218    | 4721   | 146220 | <a href="#">Rômulo Simões Cezar Menezes</a>        |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                | <a href="#">UniversidPernambuco</a>   | 35      | 25          | 0.714               | 92        | 64          | 0.696               | 3775     | 2153        | 0.570               |
| 951   | 3219    | 4722   | 146223 | <a href="#">Marco Antonio Trindade</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Tecnologia de Carnes   Produtos Cárneos mais Saudáveis   Análise Sensorial   Estabilidade de Alimentos | 35      | 30          | 0.857               | 79        | 63          | 0.797               | 3775     | 2646        | 0.701               |
| 76  | 3220    | 4723   | 146244 | <a href="#">Daniel LG Borges</a>                   |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical chemistry   spectrometry   sample preparation   trace analysis   | 35      | 20          | 0.571               | 71        | 46          | 0.648               | 3768     | 1413        | 0.375               |
| 48  | 3221    | 4724   | 146260 | <a href="#">Cassyano J Correr</a>                  |  Brazil | <a href="#">Universidade Federal do Paraná</a>                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia Clínica e Assistência Farmacêutica   | 35      | 23          | 0.657               | 79        | 52          | 0.658               | 3762     | 1920        | 0.510               |
| 26  | 3222    | 4725   | 146281 | <a href="#">Roberta Lemos Freire</a>               |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Protozoologia   epidemiologia   saneamento   saude pública  | 35      | 19          | 0.543               | 86        | 52          | 0.605               | 3758     | 1533        | 0.408               |







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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 3223    | 4726   | 146284 | <a href="#">Paulo F Pires</a>                       |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Distributed Systems   Cyber-physical Systems   Software Architecture  | 35      | 24          | 0.686               | 95        | 53          | 0.558               | 3756     | 1875        | 0.499               |
| 183   | 3224    | 4728   | 146334 | <a href="#">Pedro Padilha</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Espectrometria Atômica   Proteômica e Metalômica.  | 35      | 20          | 0.571               | 87        | 46          | 0.529               | 3743     | 1416        | 0.378               |
| 952   | 3225    | 4729   | 146362 | <a href="#">João Batista De Almeida E Silva</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Tecnologia de Alimentos   | 35      | 19          | 0.543               | 61        | 32          | 0.525               | 3734     | 1284        | 0.344               |
| 5   | 3226    | 4730   | 146365 | <a href="#">Daniela Lazzaro</a>                     |  Brazil   | <a href="#">Observatorio Nacional</a>                                  | <a href="#">Pesquisador de Astronomia, Observatório Nacional</a><br>Astronomia   Astrofísica   Ciências Planetárias   Satélites Artificiais   Astronomia Dinâmica                                      | 35      | 16          | 0.457               | 78        | 37          | 0.474               | 3732     | 1182        | 0.317               |
| 4   | 3227    | 4733   | 146421 | <a href="#">Daniel Moura De Aguiar</a>              |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Doenças Infecciosas dos Animais   | 35      | 21          | 0.600               | 81        | 64          | 0.790               | 3710     | 1705        | 0.460               |
| 953   | 3228    | 4735   | 146445 | <a href="#">Ens Muccillo</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Science - Ceramics   | 35      | 18          | 0.514               | 98        | 44          | 0.449               | 3701     | 1239        | 0.335               |
| 184   | 3229    | 4738   | 146500 | <a href="#">Paulo Morelato Franca</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Operations Research   Combinatorial Optimization   | 35      | 20          | 0.571               | 62        | 31          | 0.500               | 3681     | 955         | 0.259               |
| 954   | 3230    | 4742   | 146653 | <a href="#">Francisco José Albuquerque De Paula</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Bone   osteoporosis   energy metabolism  | 35      | 22          | 0.629               | 95        | 58          | 0.611               | 3617     | 1686        | 0.466               |
| 5   | 3231    | 4744   | 146666 | <a href="#">Vivien Sakai</a>                        |  Brazil  | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   | 35      | 23          | 0.657               | 55        | 41          | 0.745               | 3609     | 1634        | 0.453               |
| 1   | 3232    | 4746   | 146722 | <a href="#">Najeh Maissar Khalil</a>                |  Brazil | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanoscience   | 35      | 27          | 0.771               | 72        | 58          | 0.806               | 3581     | 2109        | 0.589               |
| 2   | 3233    | 4747   | 146724 | <a href="#">Virmondes Rodrigues Junior</a>          |  Brazil | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>         | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia de doenças infecciosas  | 35      | 22          | 0.629               | 91        | 59          | 0.648               | 3580     | 1628        | 0.455               |
| 1   | 3234    | 4748   | 146739 | <a href="#">Marco Antonio Siqueira Rodrigues</a>    |  Brazil | <a href="#">Universidade FEEVALE</a>                                   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>tratamento de efluente   disposição de resíduos   desenvolvimento de materiais   monitoramento de rio   processo de separação d | 35      | 26          | 0.743               | 87        | 65          | 0.747               | 3573     | 2234        | 0.625               |

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| University  | Country | Region | World  | Name                                      | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 77  | 3235    | 4749   | 146742 | <a href="#">Celia Barardi</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Microbiology</a><br>Virologia Ambiental   Microbiologia Aplicada   | 35      | 21          | 0.600               | 75        | 56          | 0.747               | 3572     | 1434        | 0.401               |
| 77  | 3236    | 4750   | 146777 | <a href="#">Ruy R Campos</a>              |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Physiology</a><br>Cardiovascular   angiotensin   sympathetic   oxidative stress   hypertension   | 35      | 21          | 0.600               | 84        | 49          | 0.583               | 3557     | 1297        | 0.365               |
| 3   | 3237    | 4751   | 146779 | <a href="#">Aldo José Pinheiro Dillon</a> |  Brazil   | <a href="#">Universidade de Caxias do Sul</a>                   | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   controle genético  | 35      | 26          | 0.743               | 73        | 67          | 0.918               | 3557     | 1860        | 0.523               |
| 158   | 3238    | 4752   | 146784 | <a href="#">Erika Martins Braga</a>       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Malaria   | 35      | 24          | 0.686               | 84        | 52          | 0.619               | 3555     | 1618        | 0.455               |
| 135   | 3239    | 4754   | 146837 | <a href="#">Johnny Ferraz Dias</a>        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Física nuclear   PIXE   RBS   Interação íon-matéria  | 35      | 22          | 0.629               | 81        | 51          | 0.630               | 3528     | 1734        | 0.491               |
| 159   | 3240    | 4756   | 146840 | <a href="#">Anderson Dias</a>             |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Materiais   | 35      | 21          | 0.600               | 87        | 53          | 0.609               | 3526     | 1469        | 0.417               |
| 955   | 3241    | 4757   | 146842 | <a href="#">Maria Cristina Borsatto</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   |  | 35      | 19          | 0.543               | 86        | 49          | 0.570               | 3525     | 1397        | 0.396               |
| 2   | 3242    | 4758   | 146843 | <a href="#">Weber Ferreira dos Santos</a> |  Brazil   | <a href="#">Universidade Federal do Norte do Tocantins</a>      | <a href="#">Professor de Física, Rede estadual de Educação do Tocantins</a><br>física   tecnologias  | 35      | 23          | 0.657               | 84        | 50          | 0.595               | 3525     | 1711        | 0.485               |
| 956   | 3243    | 4759   | 146852 | <a href="#">Regina Szyllit</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Palliative Care   End of Life Care   Death and Dying   Family Nursing   Child and Adolescent Nursing                    | 35      | 24          | 0.686               | 74        | 48          | 0.649               | 3516     | 1643        | 0.467               |
| 9   | 3244    | 4760   | 146854 | <a href="#">Marcelo Rebouças</a>          |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Natural Sciences / Physics</a><br>cosmology   gravitation   general relativity   cosmic topology   cosmic microwave background radiation   | 35      | 15          | 0.429               | 77        | 22          | 0.286               | 3514     | 875         | 0.249               |
| 32  | 3245    | 4761   | 146870 | <a href="#">Raphael Hirata Junior</a>     |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Medical and Health Sciences / Microbiology</a><br>Corynebacterium sp.   atividade de desinfetantes e antissépticos   antimicrobianos   aderência e invasão de células   endodontia | 35      | 19          | 0.543               | 86        | 58          | 0.674               | 3505     | 1384        | 0.395               |
| 957   | 3246    | 4762   | 146903 | <a href="#">Ana Marcia Spano Nakano</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">em</a><br>enfermagem   obstetrícia   aleitamento materno   violência   | 35      | 19          | 0.543               | 83        | 47          | 0.566               | 3488     | 1182        | 0.339               |
| 134   | 3247    | 4764   | 146932 | <a href="#">Marcia Attias</a>             |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia celular   protozoologia parasitária   Ultraestrutura Celular. Microscopia Eletrônica                           | 35      | 18          | 0.514               | 67        | 35          | 0.522               | 3473     | 1073        | 0.309               |
| 958   | 3248    | 4765   | 146943 | <a href="#">Renata Karina Reis</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirão Preto</a><br>Enfermagem   | 35      | 26          | 0.743               | 81        | 67          | 0.827               | 3464     | 2141        | 0.618               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 16  | 3249    | 4767   | 146969 | <a href="#">CAE Garcia</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande FURG</a>         | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia Física   Sensoriamento Remoto dos Oceanos   Oceanos & Clima   Oceanografia Costeira | 35      | 21          | 0.600               | 64        | 47          | 0.734               | 3450     | 1445        | 0.419               |
| 136   | 3250    | 4768   | 146978 | <a href="#">Carlos Arthur Ferreira</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros  | 35      | 20          | 0.571               | 61        | 35          | 0.574               | 3447     | 993         | 0.288               |
| 19  | 3251    | 4769   | 146987 | <a href="#">Rafael Chaves</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Norte</a>     | <a href="#">Natural Sciences / Physics</a><br>Quantum Information   Quantum Computation   Quantum Foundations   Machine Learning   Causal Inference                                | 35      | 28          | 0.800               | 63        | 58          | 0.921               | 3440     | 2225        | 0.647               |
| 53  | 3252    | 4774   | 147028 | <a href="#">Ronaldo Censi Faria</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   | 35      | 25          | 0.714               | 76        | 48          | 0.632               | 3414     | 1916        | 0.561               |
| 23  | 3253    | 4778   | 147074 | <a href="#">Felipe Gonçalves Belladonna</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Endodontics   Odontologia   Dentistry  | 35      | 34          | 0.971               | 58        | 58          | 1.000               | 3391     | 2961        | 0.873               |
| 137   | 3254    | 4781   | 147121 | <a href="#">Fernanda Chiarello Stedile</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química   Análises por Feixes de Íons   Espectroscopia de Fotoelétrons induzidos por Raios-X                        | 35      | 10          | 0.286               | 89        | 13          | 0.146               | 3357     | 432         | 0.129               |
| 959   | 3255    | 4782   | 147123 | <a href="#">Anselmo Moriscot</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Anatomy</a><br>striated muscle plasticity  | 35      | 19          | 0.543               | 63        | 43          | 0.683               | 3356     | 1114        | 0.332               |
| 960   | 3256    | 4783   | 147124 | <a href="#">Claudio Gilberto Froehlich</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Insetos aquáticos   taxonomia   ecologia  | 35      | 13          | 0.371               | 95        | 22          | 0.232               | 3353     | 742         | 0.221               |
| 138   | 3257    | 4785   | 147151 | <a href="#">Hugo Verli</a>                        |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">BioinformaticBiotechnologyRioGrande</a><br>glicobiologia estrutural   estrutura de macromoléculas   dinâmica molecular   bioinformática                                | 35      | 19          | 0.543               | 71        | 43          | 0.606               | 3329     | 1407        | 0.423               |
| 21  | 3258    | 4786   | 147160 | <a href="#">Julio Santos Reboucas</a>             |  <a href="#">Brazil</a> | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Biomimetic Catalysis Therapeutics </a><br>Biomimetic Catalysis   Experimental Therapeutics   | 35      | 20          | 0.571               | 55        | 38          | 0.691               | 3324     | 1226        | 0.369               |
| 49  | 3259    | 4787   | 147162 | <a href="#">Carolina Madeira Lucci</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">UniversidBrasília</a><br>Reprodução animal   | 35      | 19          | 0.543               | 69        | 44          | 0.638               | 3321     | 1257        | 0.379               |
| 68  | 3260    | 4788   | 147183 | <a href="#">Alexandre H Sampaio</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Engineering &amp; Technology / Engineering</a><br>Lectinas   algas marinhas   invertebrados marinhos   | 35      | 17          | 0.486               | 100       | 50          | 0.500               | 3303     | 1185        | 0.359               |
| 54  | 3261    | 4789   | 147212 | <a href="#">Sonia Cristina Julianio Gualtieri</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecofisiologia Vegetal   Alelopatia   Hormônios   Reprodução de plantas  | 35      | 15          | 0.429               | 87        | 30          | 0.345               | 3281     | 982         | 0.299               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 185   | 3262    | 4790   | 147218 | <a href="#">Marcelo Antonio Amaro Pinheiro</a>                                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia dos Invertebrados   Biologia da Conservação   Crustáceos   Manguzeais   Biologia Marinha                             | 35      | 19          | 0.543               | 70        | 42          | 0.600               | 3278     | 1186        | 0.362               |
| 12  | 3263    | 4793   | 147279 | <a href="#">Maria Jose Pontes</a>  |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>engenharia elétrica   telecomunicações   comunicações ópticas   speckles   sensores em fibra | 35      | 34          | 0.971               | 74        | 60          | 0.811               | 3188     | 2855        | 0.896               |
| 961   | 3264    | 4795   | 147291 | <a href="#">Luciana Lopes</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomedicine   nanotechnology   skin   topical delivery   drug delivery                               | 35      | 27          | 0.771               | 52        | 47          | 0.904               | 3173     | 1658        | 0.523               |
| 962   | 3265    | 4799   | 147407 | <a href="#">Diego Raphael Amancio</a>   <a href="#">Diego Amancio, Diego Raphael</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Research Evaluation   Network Science   Science of Science   Natural Language Processing   Machine Learning         | 35      | 27          | 0.771               | 50        | 46          | 0.920               | 2894     | 2261        | 0.781               |
| 78  | 3266    | 4800   | 147410 | <a href="#">Boris Ugarte Stambuk</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Saccharomyces cerevisiae   Yeast Biotechnology   | 35      | 21          | 0.600               | 52        | 37          | 0.712               | 2884     | 1246        | 0.432               |
| 79  | 3267    | 4801   | 147417 | <a href="#">Morgana Moretti</a>  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            |  | 35      | 25          | 0.714               | 57        | 52          | 0.912               | 2837     | 1578        | 0.556               |
| 78  | 3268    | 4802   | 147424 | <a href="#">Dário Santos Júnior</a>  |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Analytical Chemistry   Laser Induced Breakdown Spectroscopy   LIBS   Atomic and Emission Spectroscopy      | 35      | 22          | 0.629               | 49        | 33          | 0.673               | 2774     | 1101        | 0.397               |
| 79  | 3269    | 4803   | 147430 | <a href="#">Ítalo Braga Castro</a>   <a href="#">Ítalo Braga de Castro</a>           |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Pollution   | 35      | 27          | 0.771               | 70        | 53          | 0.757               | 2690     | 1918        | 0.713               |
| 1   | 3270    | 4805   | 147444 | <a href="#">Antônio Carlos Gil</a>   |  Brazil | <a href="#">Universidade Municipal de São Caetano do Sul USCS</a>      | <a href="#">Business &amp; Management / Business Administration</a><br>administração   psicologia   sociologia   filosofia   | 34      | 25          | 0.735               | 53        | 43          | 0.811               | 142088   | 63272       | 0.445               |
| 139   | 3271    | 4807   | 147493 | <a href="#">Bárbara Niegia Garcia De Goulart *</a>                                   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   deficiência   fonoaudiologia   comunicação humana                                      | 34      | 29          | 0.853               | 79        | 60          | 0.759               | 26714    | 25307       | 0.947               |
| 963   | 3272    | 4808   | 147613 | <a href="#">Ramachrisna Teixeira</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Astronomia e Astrofísica   | 34      | 24          | 0.706               | 53        | 39          | 0.736               | 15761    | 14174       | 0.899               |
| 964   | 3273    | 4809   | 147619 | <a href="#">Sérgio Paulo Bydlowski *</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Hematology</a>   | 34      | 21          | 0.618               | 88        | 43          | 0.489               | 15572    | 7371        | 0.473               |
| 965   | 3274    | 4811   | 147640 | <a href="#">Gilberto Martins</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Metodologia da Pesquisa Científica   Epistemologia.  | 34      | 20          | 0.588               | 89        | 35          | 0.393               | 14838    | 4822        | 0.325               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 966   | 3275    | 4813   | 147697 | <a href="#">Richard Louis Voegels</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Rhinology   rhinosinusitis   endoscopic surgery   olfaction  | 34      | 22          | 0.647               | 95        | 47          | 0.495               | 13400    | 7103        | 0.530               |
| 249   | 3276    | 4814   | 147743 | <a href="#">Egberto Ribeiro Turato</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">QualitativeMedicalsof</a><br>qualitative study   adherence to treatments   psychological meanings   clinical-qualitative method   | 34      | 27          | 0.794               | 70        | 46          | 0.657               | 12335    | 4902        | 0.397               |
| 250   | 3277    | 4816   | 147879 | <a href="#">Christian Esteve Rothenberg</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Routing   Internet architectures   Software Defined Networking   Network Functions Virtualization   Intent Based Networking   | 34      | 24          | 0.706               | 77        | 60          | 0.779               | 10492    | 6462        | 0.616               |
| 9   | 3278    | 4817   | 147906 | <a href="#">Ricardo De Oliveira Souza</a>                  |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                       | <a href="#">Medical and Health Sciences / Neurology</a><br>(i) Neurology and Neuropsychiatry   (ii) the cerebral organization of movement in man   (iii) consciousness   stupor and coma   (iv) | 34      | 26          | 0.765               | 73        | 53          | 0.726               | 10244    | 2926        | 0.286               |
| 24  | 3279    | 4818   | 147975 | <a href="#">Roldan Muradian</a>                            |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>ecological economics   environmental governance   collective action   globalization  | 34      | 29          | 0.853               | 57        | 45          | 0.789               | 9679     | 4542        | 0.469               |
| 3   | 3280    | 4820   | 148060 | <a href="#">Hedibert Freitas Lopes</a>                     |  Brazil   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                  | <a href="#">Natural Sciences / Mathematics</a><br>Bayesian statistics   dynamic models   time series   econometrics   factor modeling of large scale complex systems                            | 34      | 25          | 0.735               | 63        | 44          | 0.698               | 9089     | 3049        | 0.335               |
| 29  | 3281    | 4824   | 148224 | <a href="#">Sergio Luis Costa Ferreira</a>                 |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química analítica   Quimiometria   Planejamento experimental   Box Behnken   Doehlert   | 34      | 21          | 0.618               | 74        | 34          | 0.459               | 8340     | 3252        | 0.390               |
| 967   | 3282    | 4827   | 148367 | <a href="#">Amilton Antunes Barreira</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Peripheral Neuropathies   Inflammatory Neuropathies   Clinical Neuroimmunology   Rodents' Peripheral Nervous System               | 34      | 24          | 0.706               | 81        | 52          | 0.642               | 7802     | 3026        | 0.388               |
| 59  | 3283    | 4828   | 148462 | <a href="#">Marcos Vinicius Gualberto Barbosa Da Silva</a> |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica   Bioinformática e Melhoramento Animal  | 34      | 27          | 0.794               | 132       | 90          | 0.682               | 7555     | 4432        | 0.587               |
| 186   | 3284    | 4831   | 148556 | <a href="#">Eliana Gertrudes De Macedo Lemos</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Biochemistry</a>  | 34      | 25          | 0.735               | 91        | 53          | 0.582               | 7277     | 2111        | 0.290               |
| 968   | 3285    | 4834   | 148618 | <a href="#">Luis Raul Abramo</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Astrophysics  | 34      | 23          | 0.676               | 60        | 37          | 0.617               | 7156     | 4577        | 0.640               |
| 55  | 3286    | 4835   | 148637 | <a href="#">Moacir Godinho Filho</a>                       |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a>   | 34      | 31          | 0.912               | 85        | 64          | 0.753               | 7118     | 5670        | 0.797               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 3287    | 4838   | 148753 | <a href="#">Irene Rizzini</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Social Sciences / Social Work</a><br>Institutional Care   Public Policy   Childhood Studies   Children's Rights   Street Children          | 34      | 18          | 0.529               | 83        | 34          | 0.410               | 6901     | 2082        | 0.302               |
| 187   | 3288    | 4842   | 148893 | <a href="#">Carlos Marcelo Pastre</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia Desportiva   | 34      | 25          | 0.735               | 81        | 60          | 0.741               | 6626     | 3005        | 0.454               |
| 969   | 3289    | 4844   | 148937 | <a href="#">Ariovaldo Umbelino De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Geography</a><br>Geografia Agrária   Geografia Econômica   Geografia Social   Geografia Política                        | 34      | 21          | 0.618               | 52        | 34          | 0.654               | 6549     | 2096        | 0.320               |
| 50  | 3290    | 4845   | 148951 | <a href="#">Linhas Criticas</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Education / Education</a><br>Educação  | 34      | 25          | 0.735               | 152       | 75          | 0.493               | 6534     | 3451        | 0.528               |
| 970   | 3291    | 4847   | 149042 | <a href="#">Luís Carlos Marchini</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Insetos Úteis  | 34      | 18          | 0.529               | 80        | 40          | 0.500               | 6370     | 1783        | 0.280               |
| 2   | 3292    | 4851   | 149162 | <a href="#">Marinus S. Hoogmoed</a>            |  Brazil   | <a href="#">Museu Paraense Emilio Goeldi</a>                               | <a href="#">Museu Paraense Emilio Goeldi/CZO</a><br>Taxonomy   biogeography herpetofauna Amazonia and Guiana   | 34      | 20          | 0.588               | 86        | 30          | 0.349               | 6231     | 2305        | 0.370               |
| 971   | 3293    | 4853   | 149213 | <a href="#">Fabio Sandoli De Brito Junior</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiologia intervencionista   | 34      | 28          | 0.824               | 74        | 51          | 0.689               | 6171     | 3852        | 0.624               |
| 140   | 3294    | 4854   | 149226 | <a href="#">Pedrinho Guareschi</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Social Sciences / Psychology</a><br>Psicologia Social   Filosofia   Ética  | 34      | 22          | 0.647               | 76        | 43          | 0.566               | 6152     | 1526        | 0.248               |
| 14  | 3295    | 4855   | 149249 | <a href="#">Thomas Brashear Alejandro</a>      |  Brazil  | <a href="#">Fundação Getulio Vargas FGV</a>                                | sales management   B2B   international   | 34      | 29          | 0.853               | 54        | 49          | 0.907               | 6127     | 3163        | 0.516               |
| 972   | 3296    | 4856   | 149283 | <a href="#">Eugenio Garcia</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Dental Materials   Biomaterials   Scanning Electron Microscopy   Dental Tissues | 34      | 23          | 0.676               | 92        | 43          | 0.467               | 6094     | 3899        | 0.640               |
| 973   | 3297    | 4857   | 149293 | <a href="#">Francisco Lotufo Neto</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              |  | 34      | 23          | 0.676               | 77        | 45          | 0.584               | 6083     | 2554        | 0.420               |
| 974   | 3298    | 4858   | 149299 | <a href="#">Eduardo R Hruschka</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Artificial Intelligence   Machine Learning   Big Data   Data Mining  | 34      | 23          | 0.676               | 74        | 41          | 0.554               | 6079     | 2695        | 0.443               |
| 8   | 3299    | 4859   | 149307 | <a href="#">Ariclecio Cunha De Oliveira</a>    |  Brazil | <a href="#">Universidade Estadual do Ceará</a>                             | Fisiologia endócrina   | 34      | 25          | 0.735               | 84        | 56          | 0.667               | 6072     | 3776        | 0.622               |
| 15  | 3300    | 4860   | 149311 | <a href="#">Fernando Guilherme Tenorio</a>     |  Brazil | <a href="#">Fundação Getulio Vargas FGV</a>                                | <a href="#">Business &amp; Management / Public Administration</a><br>administração pública   gestão social   | 34      | 22          | 0.647               | 76        | 39          | 0.513               | 6069     | 1817        | 0.299               |










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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 56  | 3301    | 4862   | 149354 | <a href="#">Enicéia Gonçalves Mendes</a>         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                   | <a href="#">Education / Special Education</a><br>Educação especial   inclusão escolar   educação inclusiva   | 34      | 25          | 0.735               | 95        | 58          | 0.611               | 6017     | 3057        | 0.508               |
| 975   | 3302    | 4863   | 149382 | <a href="#">Marcia Thereza Couto</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">SÃO Paulo</a><br>Qualitative methods   gender and sexuality   masculinities   intersectionality  | 34      | 26          | 0.765               | 76        | 56          | 0.737               | 5979     | 2194        | 0.367               |
| 80  | 3303    | 4864   | 149387 | <a href="#">Marcelo RS Briones</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Evolutionary Biology   | 34      | 16          | 0.471               | 57        | 28          | 0.491               | 5975     | 1430        | 0.239               |
| 976   | 3304    | 4865   | 149421 | <a href="#">Mariza Landgraf</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a>  | 34      | 20          | 0.588               | 78        | 46          | 0.590               | 5940     | 2174        | 0.366               |
| 11  | 3305    | 4866   | 149428 | <a href="#">Helio Penna Guimarães</a>            |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                   | <a href="#">Clinical Trialist ARO-HIAE / Médico Departamento de Pacientes Graves-HIAE/ Professor ...</a><br>medicina de emergência   medicina intensiva   cardiologia   pesquisa clinica | 34      | 24          | 0.706               | 83        | 50          | 0.602               | 5928     | 3963        | 0.669               |
| 60  | 3306    | 4869   | 149470 | <a href="#">Jose Avelino Santos Rodrigues</a>    |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>          | <a href="#">EMBRAPA MILHO E SORGO</a><br>sorghum   plant breeding   sillage  | 34      | 22          | 0.647               | 149       | 59          | 0.396               | 5891     | 2222        | 0.377               |
| 80  | 3307    | 4870   | 149497 | <a href="#">PH Souto Ribeiro</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>          | <a href="#">Natural Sciences / Physics</a><br>Physics   Optics   Quantum Information   | 34      | 20          | 0.588               | 67        | 44          | 0.657               | 5875     | 1943        | 0.331               |
| 9   | 3308    | 4872   | 149595 | <a href="#">Maria Da Graca Moreira Da Silva</a>  |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Education / Education</a><br>educação   tecnologias   curriculo  | 34      | 24          | 0.706               | 94        | 49          | 0.521               | 5798     | 3739        | 0.645               |
| 977   | 3309    | 4874   | 149708 | <a href="#">Alberto Consolaro</a>                |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia   Odontopediatria   Estomatologia   Ciências  | 34      | 21          | 0.618               | 149       | 67          | 0.450               | 5699     | 2311        | 0.406               |
| 978   | 3310    | 4875   | 149731 | <a href="#">Fabio Gagliardi Cozman</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">UniversidSao Paulo</a><br>Inteligência Artificial  | 34      | 18          | 0.529               | 112       | 34          | 0.304               | 5676     | 1465        | 0.258               |
| 979   | 3311    | 4876   | 149736 | <a href="#">Odemir Martinez Bruno</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">S. Paulo</a><br>Discrete Dynamical Systems   Data Science   Nonlinear Science   Fractals   Pattern Recognition   | 34      | 25          | 0.735               | 106       | 69          | 0.651               | 5671     | 2791        | 0.492               |
| 160   | 3312    | 4883   | 149891 | <a href="#">Rafael Zambelli Pinto</a>            |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            |  | 34      | 31          | 0.912               | 62        | 59          | 0.952               | 5543     | 4049        | 0.730               |
| 12  | 3313    | 4885   | 149994 | <a href="#">Joao Bosco Oliveira Filho</a>        |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica e Imunologia   | 34      | 22          | 0.647               | 47        | 34          | 0.723               | 5464     | 2817        | 0.516               |
| 81  | 3314    | 4887   | 149997 | <a href="#">Ivarne Luis Dos Santos Tersariol</a> |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Proteoglycans   Glycosidases and Proteases   Extracellular Matrix   Cell Death.  | 34      | 21          | 0.618               | 85        | 48          | 0.565               | 5463     | 2242        | 0.410               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 16  | 3315    | 4889   | 150054 | <a href="#">Peter Spink</a>                    |  <a href="#">Brazil</a>   | <a href="#">Fundação Getulio Vargas FGV</a>                             | <a href="#">Business &amp; Management / Business Administration</a><br>Administração Pública   Política Pública   Governo local   Psicologia Social      | 34      | 15          | 0.441               | 82        | 35          | 0.427               | 5421     | 1422        | 0.262               |
| 10  | 3316    | 4890   | 150063 | <a href="#">Marcelo Trindade Nascimento</a>    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia vegetal  | 34      | 19          | 0.559               | 64        | 36          | 0.563               | 5415     | 2562        | 0.473               |
| 980   | 3317    | 4891   | 150078 | <a href="#">Mario De Pinna</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Siluriformes   Clupeiformes   Systematics   Cladistics   Evolution                              | 34      | 18          | 0.529               | 74        | 34          | 0.459               | 5405     | 1627        | 0.301               |
| 135   | 3318    | 4892   | 150148 | <a href="#">Leda Castilho</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  |  | 34      | 24          | 0.706               | 59        | 44          | 0.746               | 5357     | 2213        | 0.413               |
| 188   | 3319    | 4896   | 150265 | <a href="#">Priscila Lupino Gratão</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | Estresse Abiótico em Plantas Cultivadas  | 34      | 29          | 0.853               | 58        | 52          | 0.897               | 5276     | 2674        | 0.507               |
| 2   | 3320    | 4897   | 150274 | <a href="#">Fermin Garcia Velasco</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                | <a href="#">Natural Sciences / Physics</a><br>Nuclear Physics   Environmental Science   Medical Physics  | 34      | 20          | 0.588               | 143       | 60          | 0.420               | 5270     | 1935        | 0.367               |
| 251   | 3321    | 4900   | 150332 | <a href="#">Leonilda MB Santos</a>             |  <a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology   neuroscience   neurology  | 34      | 18          | 0.529               | 76        | 35          | 0.461               | 5233     | 1574        | 0.301               |
| 252   | 3322    | 4902   | 150343 | <a href="#">Priscila Mazzola</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Biotecnologia   farmacotécnica   cosmetologia e farmácia clínica | 34      | 28          | 0.824               | 85        | 78          | 0.918               | 5224     | 3282        | 0.628               |
| 189   | 3323    | 4903   | 150348 | <a href="#">Alexandre Reily Rocha</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Physics</a><br>Physics  | 34      | 22          | 0.647               | 72        | 50          | 0.694               | 5222     | 1812        | 0.347               |
| 981   | 3324    | 4904   | 150363 | <a href="#">Luiz Carlos Estraviz Rodriguez</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Forest Inventory   Biometrics   LiDAR   Forest Economics   Forest IT                            | 34      | 21          | 0.618               | 116       | 53          | 0.457               | 5212     | 2491        | 0.478               |
| 82  | 3325    | 4907   | 150389 | <a href="#">Solange Rios Salomao</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Oftalmologia   Epidemiologia   Eletrofisiologia Visual Clínica                            | 34      | 23          | 0.676               | 75        | 48          | 0.640               | 5197     | 2221        | 0.427               |
| 4   | 3326    | 4908   | 150433 | <a href="#">Marcelo JS De Lemos</a>            |  <a href="#">Brazil</a> | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>CFD   Turbulence Modeling   Heat Transfer   Energia   Porous Media               | 34      | 18          | 0.529               | 81        | 36          | 0.444               | 5170     | 1231        | 0.238               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 3327    | 4909   | 150441 | <a href="#">Draulio Barros De Araujo</a>        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">BrainUFRN</a><br>psychedelics   Ayahuasca   DMT  | 34      | 25          | 0.735               | 80        | 54          | 0.675               | 5164     | 3371        | 0.653               |
| 190   | 3328    | 4911   | 150484 | <a href="#">Vitor Engrácia Valenti</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">SistemNervosoAutÁ'onomo&amp;e</a><br>Sistema nervoso autônomo   Fisiologia cardiovascular  | 34      | 24          | 0.706               | 143       | 79          | 0.552               | 5141     | 2835        | 0.551               |
| 253   | 3329    | 4912   | 150535 | <a href="#">Patricia Oliveira Prada</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | diabetes   obesidade   | 34      | 23          | 0.676               | 46        | 40          | 0.870               | 5112     | 2159        | 0.422               |
| 136   | 3330    | 4913   | 150576 | <a href="#">Aline De Almeida Neves</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">OdontologiUFRJ</a><br>Cariologia   Odontopediatria   Análise de Imagens  | 34      | 26          | 0.765               | 65        | 54          | 0.831               | 5090     | 2815        | 0.553               |
| 13  | 3331    | 4915   | 150783 | <a href="#">Sérgio Podgaec</a>                  |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Professor Livre Docente da Disciplina de Ginecologia, Universidade de São Paulo</a><br>Endometriose  | 34      | 25          | 0.735               | 72        | 55          | 0.764               | 4989     | 2116        | 0.424               |
| 21  | 3332    | 4916   | 150811 | <a href="#">Uirá Kulesza</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Architecture   Software Analytics   Empirical Software Engineering   Software Maintenance and Evolution   DevOps | 34      | 19          | 0.559               | 86        | 29          | 0.337               | 4976     | 1113        | 0.224               |
| 61  | 3333    | 4917   | 150821 | <a href="#">Humberto Ribeiro Bizzo</a>          |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Agroindústria de Alimentos</a><br>Essential Oils - Óleos Essenciais  | 34      | 26          | 0.765               | 110       | 76          | 0.691               | 4972     | 2529        | 0.509               |
| 254   | 3334    | 4918   | 150830 | <a href="#">Alan Roger Santos Silva</a>         |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral cancer   supportive care in cancer   digital pathology   | 34      | 29          | 0.853               | 125       | 102         | 0.816               | 4967     | 4001        | 0.806               |
| 982   | 3335    | 4919   | 150858 | <a href="#">Rodrigo Marques Da Silva</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">peIn</a>   | 34      | 26          | 0.765               | 134       | 87          | 0.649               | 4951     | 2975        | 0.601               |
| 69  | 3336    | 4920   | 150870 | <a href="#">Lorita Marlena Freitag Pagliuca</a> |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | Teorias de Enfermagem   Pessoas com deficiência   Tecnologia Assistiva   Tecnologia Educacional  | 34      | 20          | 0.588               | 148       | 54          | 0.365               | 4946     | 1776        | 0.359               |
| 28  | 3337    | 4921   | 150914 | <a href="#">Ana Bernarda Ludermir</a>           |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">UniversidPernambuco</a>  | 34      | 23          | 0.676               | 46        | 38          | 0.826               | 4926     | 1620        | 0.329               |
| 137   | 3338    | 4924   | 150964 | <a href="#">Jayme Luiz Szwarcfiter</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>computer science   discrete mathematics   | 34      | 17          | 0.500               | 110       | 42          | 0.382               | 4905     | 1472        | 0.300               |
| 25  | 3339    | 4925   | 150981 | <a href="#">Paulo Rangel Rios</a>               |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Physics</a><br>Phase Transformations   Analytical and Computational Modeling   Stochastic Geometry and Microstructure   Grain Growth   Martensite             | 34      | 17          | 0.500               | 104       | 40          | 0.385               | 4897     | 1787        | 0.365               |








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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 161   | 3340    | 4928   | 151034 | <a href="#">Clelio Campolina Diniz</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">UFMG</a><br>Ciências Econômicas   Economia Regional  | 34      | 18          | 0.529               | 61        | 27          | 0.443               | 4881     | 1030        | 0.211               |
| 33  | 3341    | 4931   | 151108 | <a href="#">Luiz Antonio Machado Da Silva</a>         |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Social Sciences / Sociology</a><br>Teoria sociológica   teoria antropológica   sociologia urbana   sociologia econômica   antropologia urbana  | 34      | 21          | 0.618               | 77        | 42          | 0.545               | 4845     | 1919        | 0.396               |
| 30  | 3342    | 4933   | 151174 | <a href="#">Juceni P. David Or Juceni P. Chavez</a>   |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          |  | 34      | 21          | 0.618               | 90        | 48          | 0.533               | 4811     | 2104        | 0.437               |
| 2   | 3343    | 4937   | 151265 | <a href="#">João Maria Oliveira</a>                   |  Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>               | <a href="#">Pesquisador, Instituto de Pesquisa econômica Aplicada</a><br>Modelos de Equilíbrio Geral   Matriz Insumo-Produto   Empreendedorismo   Economia Criativa   Economia dos serviços  | 34      | 25          | 0.735               | 76        | 47          | 0.618               | 4765     | 2116        | 0.444               |
| 191   | 3344    | 4940   | 151307 | <a href="#">Edson Cocchieri Botelho</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>engenharia de materiais  | 34      | 24          | 0.706               | 97        | 71          | 0.732               | 4746     | 2754        | 0.580               |
| 94  | 3345    | 4942   | 151378 | <a href="#">Claudia Garcia Serpa Osorio De Castro</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisadora Titular, Escola Nacional de Saúde Pública, Fundação Oswaldo Cruz</a><br>assistência farmacêutica   estudos de utilização de medicamentos   política de medicamentos   | 34      | 22          | 0.647               | 96        | 61          | 0.635               | 4720     | 2025        | 0.429               |
| 192   | 3346    | 4943   | 151396 | <a href="#">Jose Roberto Sanches Mantovani</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Engenharia Elétrica   Sistemas Elétricos de Potência   Otimização   Planejamento da Operação e Expansão de Sistemas de Transmissão e Distribuição   Planejamento de Reativos | 34      | 26          | 0.765               | 89        | 62          | 0.697               | 4715     | 2472        | 0.524               |
| 983   | 3347    | 4944   | 151414 | <a href="#">Fabio Coral Fonseca</a>                   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science  | 34      | 21          | 0.618               | 68        | 42          | 0.618               | 4708     | 1764        | 0.375               |
| 984   | 3348    | 4945   | 151428 | <a href="#">Heitor Marques Honório</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>cariologia   erosão dentária   prevenção   metodologia de pesquisa   bioestatística   | 34      | 26          | 0.765               | 85        | 67          | 0.788               | 4703     | 2746        | 0.584               |
| 985   | 3349    | 4946   | 151445 | <a href="#">Cardoso Ribeiro De Barros</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Imunologia   | 34      | 24          | 0.706               | 57        | 46          | 0.807               | 4697     | 2047        | 0.436               |
| 986   | 3350    | 4947   | 151449 | <a href="#">Mario Tomazello Filho</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>Tecnologia da madeira  | 34      | 24          | 0.706               | 121       | 71          | 0.587               | 4694     | 2287        | 0.487               |
| 162   | 3351    | 4948   | 151459 | <a href="#">Jacqueline A Takahashi</a>                |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">UFMG</a><br>Natural Products   | 34      | 24          | 0.706               | 114       | 73          | 0.640               | 4690     | 2332        | 0.497               |
| 987   | 3352    | 4950   | 151529 | <a href="#">Marcelo R De Carvalho</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          |  | 34      | 23          | 0.676               | 86        | 57          | 0.663               | 4668     | 2312        | 0.495               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 3353    | 4952   | 151657 | <a href="#">Sergio Pereira Leite</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Social Sciences / Sociology</a><br>Sociology  | 34      | 20          | 0.588               | 81        | 35          | 0.432               | 4624     | 1515        | 0.328               |
| 4   | 3354    | 4953   | 151705 | <a href="#">Cecilia Pedroso Turssi</a>             |  <a href="#">Brazil</a>   | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 34      | 23          | 0.676               | 103       | 70          | 0.680               | 4607     | 2090        | 0.454               |
| 193   | 3355    | 4954   | 151723 | <a href="#">Vidal Haddad Junior</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Dermatologia   Zoologia Aplicada   Toxinologia   Acidentes por animais aquáticos   Acidentes por animais peçonhentos | 34      | 22          | 0.647               | 116       | 59          | 0.509               | 4602     | 1902        | 0.413               |
| 81  | 3356    | 4955   | 151730 | <a href="#">Antonio Pedro Novaes De Oliveira</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Glass-ceramics   porous ceramics   nanostructured materials   additive manufacturing - 3D printi      | 34      | 24          | 0.706               | 115       | 56          | 0.487               | 4599     | 2168        | 0.471               |
| 27  | 3357    | 4957   | 151735 | <a href="#">Marta De Toledo Benassi</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">alimentos café análise sensorial </a><br>alimentos   café   análise sensorial   | 34      | 26          | 0.765               | 84        | 60          | 0.714               | 4598     | 2473        | 0.538               |
| 49  | 3358    | 4960   | 151773 | <a href="#">Paulo Da Cunha Lana</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia   Meio Ambiente   Zoologia   Ecologia  | 34      | 21          | 0.618               | 134       | 48          | 0.358               | 4585     | 1732        | 0.378               |
| 194   | 3359    | 4961   | 151779 | <a href="#">Nelson Ramos Stradiotto</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Biofuels  | 34      | 21          | 0.618               | 120       | 53          | 0.442               | 4583     | 1768        | 0.386               |
| 255   | 3360    | 4962   | 151819 | <a href="#">Helena Coutinho Franco De Oliveira</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Lipid metabolism   Atherosclerosis   Obesity  | 34      | 18          | 0.529               | 88        | 40          | 0.455               | 4569     | 1791        | 0.392               |
| 195   | 3361    | 4964   | 151875 | <a href="#">José Roberto Rodrigues</a>             |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística   Educação  | 34      | 20          | 0.588               | 79        | 40          | 0.506               | 4550     | 1670        | 0.367               |
| 4   | 3362    | 4965   | 151881 | <a href="#">Ana Maria Soares Pereira</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade de Ribeirão Preto UNAERP</a>                  | <a href="#">FitoterapiRibeirão Preto</a><br>Fitoterapia   Conservação da biodiversidade e Biotecnologia   | 34      | 23          | 0.676               | 118       | 65          | 0.551               | 4548     | 2051        | 0.451               |
| 988   | 3363    | 4967   | 151934 | <a href="#">Ricardo Gariba Silva</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontics  | 34      | 21          | 0.618               | 104       | 50          | 0.481               | 4528     | 1887        | 0.417               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 3364    | 4969   | 151980 | <a href="#">Leandro R Monteiro</a>                 |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>          | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary Biology   Morphometrics   | 34      | 22          | 0.647               | 54        | 38          | 0.704               | 4513     | 1673        | 0.371               |
| 989   | 3365    | 4970   | 152019 | <a href="#">Rosemary Carvalho</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>embalagens   proteínas   funcionalidade   compostos bioativos                | 34      | 28          | 0.824               | 69        | 53          | 0.768               | 4500     | 2264        | 0.503               |
| 95  | 3366    | 4973   | 152060 | <a href="#">Celia Gontijo</a>                      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Ciências Biológicas  | 34      | 20          | 0.588               | 69        | 49          | 0.710               | 4488     | 1596        | 0.356               |
| 20  | 3367    | 4974   | 152078 | <a href="#">Marcus Poggi</a>                       |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>       | <a href="#">Algorithms Optimization Combinatorial Optimization Routing </a><br>Algorithms   Optimization   Combinatorial Optimization   Routing             | 34      | 21          | 0.618               | 51        | 32          | 0.627               | 4484     | 1810        | 0.404               |
| 163   | 3368    | 4975   | 152083 | <a href="#">Luci Dusse</a>                         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | Hemostasia  | 34      | 24          | 0.706               | 99        | 62          | 0.626               | 4480     | 2522        | 0.563               |
| 196   | 3369    | 4977   | 152111 | <a href="#">Lauro Tomio</a>                        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">Natural Sciences / Physics</a><br>Física  | 34      | 14          | 0.412               | 101       | 28          | 0.277               | 4472     | 908         | 0.203               |
| 256   | 3370    | 4978   | 152120 | <a href="#">Luiza Kinoshita</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>Taxonomia de angiospermas   Sistemática vegetal   Morfologia vegetal                               | 34      | 18          | 0.529               | 83        | 38          | 0.458               | 4469     | 1720        | 0.385               |
| 990   | 3371    | 4979   | 152142 | <a href="#">Virginia Paes Leme Ferriani</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia pediátrica   imunologia clínica  | 34      | 21          | 0.618               | 77        | 47          | 0.610               | 4460     | 1609        | 0.361               |
| 50  | 3372    | 4980   | 152144 | <a href="#">Márcia Marques</a>                     |  Brazil | <a href="#">Universidade Federal do Paraná</a>                                   | <a href="#">Natural Sciences / Biological Science</a><br>ecologia tropical   ecologia de comunidades   Mata Atlântica   diversidade   restauração ecológica | 34      | 27          | 0.794               | 68        | 53          | 0.779               | 4460     | 2856        | 0.640               |
| 70  | 3373    | 4981   | 152147 | <a href="#">André Lf De Almeida</a>                |  Brazil | <a href="#">Universidade Federal do Ceará</a>                                    | Tensor decompositions   Tensor signal processing   Multilinear algebra   Blind equalization   | 34      | 27          | 0.794               | 103       | 62          | 0.602               | 4459     | 2547        | 0.571               |
| 10  | 3374    | 4983   | 152178 | <a href="#">Mônica Maria Celestina De Oliveira</a> |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Natural Sciences / Mathematics</a><br>Estatística em Saúde  | 34      | 26          | 0.765               | 83        | 61          | 0.735               | 4450     | 2333        | 0.524               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 197   | 3375    | 4984   | 152195 | <a href="#">Julio R Sambrano</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Nanotecnologia   Ciências do Materiais  | 34      | 25          | 0.735               | 98        | 66          | 0.673               | 4445     | 1925        | 0.433               |
| 257   | 3376    | 4985   | 152199 | <a href="#">Michel Vincentz</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética de planta   evolução e epigenética  | 34      | 21          | 0.618               | 50        | 30          | 0.600               | 4445     | 1559        | 0.351               |
| 4   | 3377    | 4986   | 152206 | <a href="#">Fernando Moraes</a>                    |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">Natural Sciences / Physics</a><br>liquid crystals   low-dimensional materials   topological defects   analogue gravity  | 34      | 19          | 0.559               | 87        | 46          | 0.529               | 4442     | 1565        | 0.352               |
| 991   | 3378    | 4987   | 152213 | <a href="#">Cristina Ribeiro De Barros Cardoso</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Imunoendocrinologia   | 34      | 24          | 0.706               | 64        | 48          | 0.750               | 4441     | 1767        | 0.398               |
| 62  | 3379    | 4988   | 152220 | <a href="#">Eder S. Martins</a>                    |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador A. Embrapa Cerrados. Professor orientador de Cursos de Pós-Graduação da ...</a><br>Pedologia   Paisagem   Geomorfologia   Rochas Silicáticas   Agrogeologia | 34      | 20          | 0.588               | 104       | 50          | 0.481               | 4439     | 1741        | 0.392               |
| 198   | 3380    | 4990   | 152253 | <a href="#">Margarida Maria Barros</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition and fish health  | 34      | 19          | 0.559               | 89        | 41          | 0.461               | 4431     | 1479        | 0.334               |
| 258   | 3381    | 4991   | 152260 | <a href="#">Fábio Luiz Mialhe</a>                  |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia em Saúde Coletiva   Educação em Saúde   Promoção da Saúde  | 34      | 24          | 0.706               | 106       | 64          | 0.604               | 4429     | 2342        | 0.529               |
| 96  | 3382    | 4992   | 152275 | <a href="#">Sinval Pinto Brandão Filho</a>         |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Centro de Pesquisas Aggeu Magalhães</a>   | 34      | 23          | 0.676               | 73        | 45          | 0.616               | 4423     | 2110        | 0.477               |
| 71  | 3383    | 4993   | 152310 | <a href="#">Renan Magalhães Montenegro Junior</a>  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   Diabetes   Lipodystrophy   Obesity   Lipids   | 34      | 24          | 0.706               | 75        | 51          | 0.680               | 4414     | 2352        | 0.533               |
| 141   | 3384    | 4994   | 152323 | <a href="#">Adroaldo Cezar Araujo Gaya</a>         |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Education / Education</a><br>Epistemologia e metodologia da pesquisa   aptidão física   educação física escolar   esporte   atividade física e saúde                    | 34      | 23          | 0.676               | 105       | 64          | 0.610               | 4408     | 2106        | 0.478               |
| 16  | 3385    | 4997   | 152391 | <a href="#">Vera Mf Almeida-Val</a>                |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Instituto Nacional de Pesquisas da Amazônia</a><br>Amazon   Fish Biodiversity   Climate Change   Conservation Genetics  | 34      | 26          | 0.765               | 76        | 50          | 0.658               | 4389     | 1806        | 0.411               |

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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 164   | 3386    | 5000   | 152422 | <a href="#">Jorge Pinto</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatrics   HIV   Infectious Diseases   Immunology   Primary Immunodeficiencies                  | 34      | 23          | 0.676               | 93        | 53          | 0.570               | 4379     | 1955        | 0.446               |
| 83  | 3387    | 5005   | 152493 | <a href="#">Hanna Karen Antunes</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Science   Physical Exercise   Psychobiology   Sleep Deprivation   Cognition                              | 34      | 25          | 0.735               | 67        | 46          | 0.687               | 4354     | 2069        | 0.475               |
| 49  | 3388    | 5006   | 152502 | <a href="#">Antonio N Medina</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Physics</a><br>Física   | 34      | 20          | 0.588               | 108       | 52          | 0.481               | 4350     | 2022        | 0.465               |
| 26  | 3389    | 5009   | 152539 | <a href="#">Caio Lewenkopf</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Natural Sciences / Physics</a><br>condensed matter physics   | 34      | 18          | 0.529               | 81        | 34          | 0.420               | 4340     | 1188        | 0.274               |
| 992   | 3390    | 5012   | 152570 | <a href="#">Adibe Luiz Abdalla</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>nutrição animal  | 34      | 24          | 0.706               | 94        | 54          | 0.574               | 4331     | 1867        | 0.431               |
| 72  | 3391    | 5014   | 152579 | <a href="#">Lidiany Rodrigues</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   microbiology  | 34      | 22          | 0.647               | 71        | 52          | 0.732               | 4328     | 2052        | 0.474               |
| 142   | 3392    | 5015   | 152584 | <a href="#">Lisiane Porciuncula</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Neurociencias   Farmacologia  | 34      | 23          | 0.676               | 64        | 42          | 0.656               | 4327     | 1713        | 0.396               |
| 143   | 3393    | 5016   | 152587 | <a href="#">Pedro Grande</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Física   | 34      | 17          | 0.500               | 107       | 30          | 0.280               | 4326     | 990         | 0.229               |
| 259   | 3394    | 5020   | 152661 | <a href="#">Alexandre Lr Oliveira</a>      |  <a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">StructuralandBiologyUnicamp</a><br>nerve regeneration   neuronal plasticity   synapses   motoneurons   root avulsion   | 34      | 24          | 0.706               | 90        | 65          | 0.722               | 4305     | 1932        | 0.449               |
| 19  | 3395    | 5021   | 152718 | <a href="#">Luís CB Crispino</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Pará UFPA</a>               | <a href="#">Natural Sciences / Physics</a><br>gravitational physics gravitational waves black holes  | 34      | 25          | 0.735               | 74        | 65          | 0.878               | 4291     | 2513        | 0.586               |
| 993   | 3396    | 5022   | 152729 | <a href="#">Wanderley Pereira Oliveira</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Phytopharmaceutical Technology   Biotechnology   Drying   Coating   Microencapsulation | 34      | 22          | 0.647               | 89        | 58          | 0.652               | 4287     | 2278        | 0.531               |
| 51  | 3397    | 5025   | 152749 | <a href="#">Elisabeth Carmen Duarte</a>    |  <a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">UniversidBrasília</a>  | 34      | 23          | 0.676               | 80        | 56          | 0.700               | 4282     | 2066        | 0.482               |
| 994   | 3398    | 5027   | 152756 | <a href="#">Luiz Fernando Pegoraro</a>     |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Prótese</a><br>Prótese   | 34      | 23          | 0.676               | 66        | 40          | 0.606               | 4281     | 1461        | 0.341               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 40  | 3399    | 5028   | 152765 | <a href="#">Hélio L Hey</a>                     |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>power electronics   | 34      | 17          | 0.500               | 78        | 29          | 0.372               | 4277     | 1091        | 0.255               |
| 24  | 3400    | 5029   | 152838 | <a href="#">Célia Maria De Almeida Soares</a>   |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>molecular biology  | 34      | 22          | 0.647               | 97        | 60          | 0.619               | 4254     | 1782        | 0.419               |
| 31  | 3401    | 5030   | 152860 | <a href="#">Janice Druzian</a>                  |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciencia de Alimentos   Biotecnologia   Engenharia Química                                  | 34      | 29          | 0.853               | 97        | 78          | 0.804               | 4245     | 3073        | 0.724               |
| 4   | 3402    | 5031   | 152863 | <a href="#">Alfredo De Paula</a>                |  Brazil   | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a>            | <a href="#">Education / Education</a><br>Pesquisa Interdisciplinar em Saúde   Saúde bucal   Patologia bucomaxilofacial   Oncologia de cabeça e pescoço   Biologia molecul | 34      | 23          | 0.676               | 114       | 80          | 0.702               | 4244     | 2318        | 0.546               |
| 260   | 3403    | 5032   | 152871 | <a href="#">Gombert Ak</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | Yeast biotechnology   | 34      | 22          | 0.647               | 52        | 39          | 0.750               | 4243     | 1545        | 0.364               |
| 199   | 3404    | 5033   | 152878 | <a href="#">André Luiz Fraga Briso</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística   Materiais Odontológicos   Clínica Odontológica  | 34      | 29          | 0.853               | 94        | 74          | 0.787               | 4240     | 2438        | 0.575               |
| 995   | 3405    | 5034   | 152886 | <a href="#">Marcia Dalastra Laurenti</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | da<br>Maior visibilidade do meu trabalho   divulgação de dados  | 34      | 23          | 0.676               | 100       | 66          | 0.660               | 4237     | 2175        | 0.513               |
| 996   | 3406    | 5035   | 152890 | <a href="#">Aldineia Pereira Da Silva</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Medicinal Chemistry   Drug design   QSAR   Docking molecular   Dynamics molecular                                 | 34      | 17          | 0.500               | 112       | 36          | 0.321               | 4236     | 1592        | 0.376               |
| 997   | 3407    | 5037   | 152904 | <a href="#">Rosa Helena Miranda Grande</a>      |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biomateriais   Adesivos dentais   Prevenção  | 34      | 19          | 0.559               | 61        | 36          | 0.590               | 4234     | 1463        | 0.346               |
| 998   | 3408    | 5038   | 152909 | <a href="#">Diogo Meyer</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>evolution   population genetics   genomics   HLA   | 34      | 20          | 0.588               | 71        | 45          | 0.634               | 4233     | 1656        | 0.391               |
| 26  | 3409    | 5040   | 152945 | <a href="#">Cesar Rombaldi</a>                  |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food   | 34      | 25          | 0.735               | 115       | 71          | 0.617               | 4219     | 2199        | 0.521               |
| 50  | 3410    | 5041   | 152990 | <a href="#">Marcia Edilaine Lopes Consolaro</a> |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">UNIVERSIDAESTADUALMARINGÁ</a><br>medical sciences   | 34      | 26          | 0.765               | 94        | 65          | 0.691               | 4203     | 2316        | 0.551               |
| 97  | 3411    | 5042   | 152993 | <a href="#">Maurilio José Soares</a>            |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular de Tripanosomatídeos  | 34      | 20          | 0.588               | 102       | 39          | 0.382               | 4201     | 1280        | 0.305               |
| 29  | 3412    | 5044   | 153009 | <a href="#">Irenio Gomes</a>                    |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia   Envelhecimento  | 34      | 22          | 0.647               | 82        | 47          | 0.573               | 4196     | 1777        | 0.423               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 25  | 3413    | 5045   | 153017 | <a href="#">Carolina Horta Andrade</a>            |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Drug Design Cheminformatics Medicinal Chemistry   | 34      | 31          | 0.912               | 94        | 72          | 0.766               | 4194     | 3223        | 0.768               |
| 51  | 3414    | 5047   | 153045 | <a href="#">Vânia Aparecida Vicente</a>           |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Micologia   Microbiologia aplicada  | 34      | 26          | 0.765               | 70        | 58          | 0.829               | 4188     | 2443        | 0.583               |
| 34  | 3415    | 5048   | 153046 | <a href="#">Carlos Costa Ribeiro</a>              |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">IESPUERJ</a>  | 34      | 22          | 0.647               | 67        | 43          | 0.642               | 4188     | 1580        | 0.377               |
| 200   | 3416    | 5049   | 153104 | <a href="#">Lígia Márcia Martins</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia da Educação  | 34      | 26          | 0.765               | 60        | 49          | 0.817               | 4172     | 2438        | 0.584               |
| 27  | 3417    | 5050   | 153133 | <a href="#">João Marciano Laredo Dos Reis</a>     |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        |   | 34      | 25          | 0.735               | 86        | 62          | 0.721               | 4163     | 2335        | 0.561               |
| 165   | 3418    | 5051   | 153189 | <a href="#">Flávio Almeida Amaral</a>             |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 34      | 29          | 0.853               | 59        | 55          | 0.932               | 4149     | 2488        | 0.600               |
| 138   | 3419    | 5052   | 153196 | <a href="#">Marcus Vinícius Vieira</a>            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Population ecology   Theoretical ecology   Landscape ecology   Habitat fragmentation   Movement ecology                  | 34      | 23          | 0.676               | 88        | 59          | 0.670               | 4146     | 1933        | 0.466               |
| 166   | 3420    | 5053   | 153217 | <a href="#">Maria Cassia Ferreira De Aguiar</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Bucal   Estomatologia  | 34      | 22          | 0.647               | 89        | 46          | 0.517               | 4141     | 1557        | 0.376               |
| 5   | 3421    | 5056   | 153255 | <a href="#">Sami J Michereff</a>                  |  Brazil  | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fitopatologia   | 34      | 23          | 0.676               | 116       | 54          | 0.466               | 4132     | 2166        | 0.524               |
| 55  | 3422    | 5057   | 153280 | <a href="#">Dias Dcfs</a>                         |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | Sementes  | 34      | 17          | 0.500               | 124       | 53          | 0.427               | 4124     | 1421        | 0.345               |
| 7   | 3423    | 5058   | 153333 | <a href="#">Pierre Kaufmann</a>                   |  Brazil | <a href="#">Universidade Presbiteriana Mackenzie</a>                   | <a href="#">PresbiterianMackenzieCCS/Unicamp</a><br>radio ciencias   fisica solar   geodesia espacial   instrumentação   rádio astronomia   | 34      | 13          | 0.382               | 111       | 23          | 0.207               | 4107     | 647         | 0.158               |
| 52  | 3424    | 5063   | 153365 | <a href="#">Gilberto Vinícius De Melo Pereira</a> |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         |   | 34      | 31          | 0.912               | 58        | 57          | 0.983               | 4098     | 3324        | 0.811               |
| 57  | 3425    | 5065   | 153417 | <a href="#">Roberto De Campos Giordano</a>        |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Bioprocess engineering   Bioreactor automation   Biorefinery   Production of vaccines   Enzyme engineering | 34      | 24          | 0.706               | 110       | 67          | 0.609               | 4081     | 1957        | 0.480               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 999   | 3426    | 5066   | 153423 | <a href="#">Luciana Tanno</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Alergia   alergia a medicamentos   anafilaxia   farmacogenética   classificação de doenças alérgicas                        | 34      | 29          | 0.853               | 73        | 69          | 0.945               | 4080     | 3433        | 0.841               |
| 201   | 3427    | 5067   | 153428 | <a href="#">Cristina Maria Garcia De Lima Parada</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">emJulioMesquitFilho</a><br>Enfermagem   Saúde Pública   Epidemiologia   Saúde da Mulher   | 34      | 20          | 0.588               | 81        | 51          | 0.630               | 4078     | 1541        | 0.378               |
| 30  | 3428    | 5068   | 153455 | <a href="#">Adriane Arteche</a>                      |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>Developmental Psychopathology   Cognitive Psychology  | 34      | 24          | 0.706               | 50        | 41          | 0.820               | 4071     | 1871        | 0.460               |
| 14  | 3429    | 5070   | 153473 | <a href="#">Foued Salmen Espindola</a>               |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   cell and molecular biology   oxidative stress   natural products   nanotechnology                          | 34      | 23          | 0.676               | 80        | 61          | 0.763               | 4066     | 2155        | 0.530               |
| 144   | 3430    | 5073   | 153580 | <a href="#">João Carlos Coimbra</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   Geociências   Paleontologia   Micropaleontologia   Zoologia   | 34      | 17          | 0.500               | 109       | 38          | 0.349               | 4039     | 1218        | 0.302               |
| 1000  | 3431    | 5074   | 153581 | <a href="#">Andre Paulo Tschiptschin</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Surface Engineering   Tribology   Stainless Steel   Plasma Nitriding   Phase Transformation | 34      | 23          | 0.676               | 94        | 64          | 0.681               | 4039     | 1775        | 0.439               |
| 167   | 3432    | 5076   | 153611 | <a href="#">Luís Otávio Miranda Cota</a>             |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biostatistics   Dentistry   Epidemiology   Oral Health   Periodontology  | 34      | 25          | 0.735               | 73        | 62          | 0.849               | 4032     | 2156        | 0.535               |
| 58  | 3433    | 5077   | 153638 | <a href="#">Antonio A Mozeto</a>                     |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Bioquímica Ambiental   Química Ambiental   Engenharia Ambiental   Engenharia Sanitária   Ecologia Aplicada                      | 34      | 22          | 0.647               | 67        | 37          | 0.552               | 4024     | 1729        | 0.430               |
| 145   | 3434    | 5079   | 153674 | <a href="#">Henrique Bunselmeyer Ferreira</a>        |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia molecular   genômica funcional   parasitologia   microbiologia  | 34      | 21          | 0.618               | 80        | 57          | 0.713               | 4012     | 1456        | 0.363               |
| 168   | 3435    | 5080   | 153691 | <a href="#">Glória Regina Franco</a>                 |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioinformática   expressão gênica   biologia molecular   genômica   transcriptômica                                       | 34      | 19          | 0.559               | 83        | 46          | 0.554               | 4008     | 1358        | 0.339               |
| 1001  | 3436    | 5081   | 153694 | <a href="#">Maria Ines Battistella Nemes</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">.â€¦!</a>   | 34      | 19          | 0.559               | 66        | 37          | 0.561               | 4008     | 1086        | 0.271               |
| 1002  | 3437    | 5082   | 153702 | <a href="#">Arlei Marcili</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">SantoAmaro/</a><br>Diversidade   Filogenia e Filogeografia de parasitas do gênero Leishmania e Trypanosoma  | 34      | 27          | 0.794               | 75        | 65          | 0.867               | 4004     | 2367        | 0.591               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 59  | 3438    | 5083   | 153719 | <a href="#">Edson Rodrigues Filho</a>   |    | <a href="#">Universidade Federal de São Carlos</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a>  | 34      | 21          | 0.618               | 105       | 60          | 0.571               | 4000     | 1789        | 0.447               |
| 3   | 3439    | 5084   | 153730 | <a href="#">Aparecido Nivaldo Modenes</a>   |    | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Adsorção   Engenharia Química   Tratamento de Efluentes   Modelagem e Simulação                      | 34      | 25          | 0.735               | 98        | 70          | 0.714               | 3998     | 2335        | 0.584               |
| 82  | 3440    | 5086   | 153756 | <a href="#">Jader Barbosa Jr</a>  |    | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Heat and Mass Transfer   Multiphase Flow   Thermodynamics   Cooling Technologies                   | 34      | 23          | 0.676               | 104       | 71          | 0.683               | 3991     | 2119        | 0.531               |
| 28  | 3441    | 5090   | 153804 | <a href="#">Sergio Ruffo Roberto</a>  |    | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   | 34      | 22          | 0.647               | 110       | 67          | 0.609               | 3978     | 2063        | 0.519               |
| 1003  | 3442    | 5091   | 153811 | <a href="#">Luiz Antonio Gioielli</a>   |    | <a href="#">Universidade de São Paulo USP</a>                              |   | 34      | 21          | 0.618               | 90        | 46          | 0.511               | 3976     | 1513        | 0.381               |
| 169   | 3443    | 5092   | 153813 | <a href="#">Álvaro Eiras</a>  |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Parasitology</a><br>Dengue   Inovação Tecnológica   Biotecnologia   Armadilhas   atraentes  | 34      | 23          | 0.676               | 85        | 54          | 0.635               | 3976     | 1748        | 0.440               |
| 3   | 3444    | 5094   | 153843 | <a href="#">Marco Vinicius Chaud Chaud</a><br><a href="#">MV Marco Chaud Chaud</a><br><a href="#">MV Chaud M</a><br><a href="#">Marco V Chaud</a><br><a href="#">M Chaud MV Chaud</a> |    | <a href="#">Universidade de Sorocaba</a>                                   | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   Drug Bioavailability   Tissue Regeneration                             | 34      | 31          | 0.912               | 77        | 63          | 0.818               | 3969     | 2744        | 0.691               |
| 21  | 3445    | 5095   | 153844 | <a href="#">Jose Marcus Godoy</a>   |    | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>radioatividade   meio-ambiente   ICP-MS   isótopos   metais pesados   | 34      | 20          | 0.588               | 81        | 45          | 0.556               | 3968     | 1552        | 0.391               |
| 139   | 3446    | 5096   | 153856 | <a href="#">Mario Luiz Possas</a>   |  | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Economics &amp; Econometrics / Economics</a><br>Teoria Econômica   Dinâmica Econômica   Economia Industrial e da Inovação   Economia e Política da Concorrência | 34      | 14          | 0.412               | 50        | 24          | 0.480               | 3966     | 692         | 0.174               |
| 6   | 3447    | 5098   | 153870 | <a href="#">Marcos Guimarães De Andrade Landell</a>   |  | <a href="#">Instituto Agrônomo</a>   | <a href="#">Pesquisador Científico, Centro Apta Cana, Instituto Agrônomo (IAC)</a><br>fitotecnica   melhoramento vegetal  | 34      | 22          | 0.647               | 84        | 47          | 0.560               | 3959     | 1915        | 0.484               |
| 202   | 3448    | 5100   | 153874 | <a href="#">Eduardo Carlos Bianchi</a>  |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Processos de Fabricação.   | 34      | 33          | 0.971               | 103       | 79          | 0.767               | 3958     | 2772        | 0.700               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 56  | 3449    | 5101   | 153884 | <a href="#">Angélica De Cássia Oliveira Carneiro</a> |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | energia da madeira   adesivos para madeira   qualidade da madeira  | 34      | 25          | 0.735               | 108       | 88          | 0.815               | 3955     | 2786        | 0.704               |
| 1004  | 3450    | 5102   | 153887 | <a href="#">Iolanda Midea Cuccovia</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   | 34      | 16          | 0.471               | 90        | 31          | 0.344               | 3955     | 1113        | 0.281               |
| 15  | 3451    | 5103   | 153918 | <a href="#">Antonio Eduardo Hora Machado</a>         |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">CatalÁfo</a><br>Fotoquímica e fotofísica   Química Quântica   Cinética Química e Catálise   Fotocatálise Heterogênea   | 34      | 21          | 0.618               | 105       | 57          | 0.543               | 3944     | 1730        | 0.439               |
| 52  | 3452    | 5108   | 153976 | <a href="#">Ennio Marques Palmeira</a>               |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Civil Engineering   Geotechnical Engineering   Engineering Geology   Geotechnics   Engineering Materials   | 34      | 23          | 0.676               | 73        | 48          | 0.658               | 3928     | 1777        | 0.452               |
| 1005  | 3453    | 5109   | 153983 | <a href="#">Marle Alvarenga</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>eating attitudes and behaviors   eating disorders   obesity   body image   eating choice determinants | 34      | 24          | 0.706               | 77        | 54          | 0.701               | 3927     | 2319        | 0.591               |
| 203   | 3454    | 5110   | 153991 | <a href="#">Ciro Moraesbarros</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Animal Reproduction   Pharmacology of Reproduction   | 34      | 17          | 0.500               | 48        | 26          | 0.542               | 3925     | 884         | 0.225               |
| 1006  | 3455    | 5112   | 154035 | <a href="#">Magdalena Rossi</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant metabolism   plant molecular genetics  | 34      | 24          | 0.706               | 54        | 42          | 0.778               | 3914     | 1649        | 0.421               |
| 6   | 3456    | 5114   | 154081 | <a href="#">Helio José Corrêa Barbosa</a>            |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>          | <a href="#">Laboratorio Nacional de Computação Cientifica LNCC/MCTI and Dept. de Ciencia da ...</a><br>nature-inspired metaheuristics  | 34      | 20          | 0.588               | 82        | 46          | 0.561               | 3902     | 1544        | 0.396               |
| 170   | 3457    | 5115   | 154082 | <a href="#">Adriano Veloso</a>                       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine Learning   Natural Language Processing  | 34      | 20          | 0.588               | 68        | 41          | 0.603               | 3902     | 1883        | 0.483               |
| 35  | 3458    | 5116   | 154097 | <a href="#">Geraldo Da Rocha Castelar Pinheiro</a>   |  Brazil  | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   Artrite reumatoide   Agentes biológicos   Biossimilares   Artrite gotosa                          | 34      | 26          | 0.765               | 66        | 44          | 0.667               | 3895     | 2027        | 0.520               |
| 261   | 3459    | 5117   | 154108 | <a href="#">Marcondes Cavalcante França Jr</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurogenética   doenças neuromusculares   neuroimagem   eletroneuromiografia                                     | 34      | 25          | 0.735               | 126       | 97          | 0.770               | 3891     | 2610        | 0.671               |
| 204   | 3460    | 5118   | 154117 | <a href="#">Marian Rosaly Davolos</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Inorgânica   Química de Materiais  | 34      | 16          | 0.471               | 77        | 38          | 0.494               | 3888     | 1191        | 0.306               |
| 1007  | 3461    | 5119   | 154138 | <a href="#">Marco Kawamura Demange</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia e Traumatologia  | 34      | 29          | 0.853               | 69        | 62          | 0.899               | 3882     | 2559        | 0.659               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 3462    | 5123   | 154198 | <a href="#">Diego Muniz Soares De Brito</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Faculdade Damas</a>  | <a href="#">Damas</a><br>Gestão de projetos  | 34      | 23          | 0.676               | 98        | 58          | 0.592               | 3865     | 1916        | 0.496               |
| 16  | 3463    | 5124   | 154219 | <a href="#">Veridiana Melo Rodrigues</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   biologia molecular   farmacologia   | 34      | 21          | 0.618               | 63        | 48          | 0.762               | 3861     | 1289        | 0.334               |
| 1   | 3464    | 5125   | 154232 | <a href="#">José Eustáquio Diniz Alves</a><br>  | <br><a href="#">Brazil</a>   | <a href="#">Escola Nacional de Ciências Estatísticas</a>               | <a href="#">Professor da Escola Nacional de Ciências Estatísticas do IBGE</a><br>Demografia   economia   sociologia  | 34      | 21          | 0.618               | 86        | 50          | 0.581               | 3858     | 1947        | 0.505               |
| 4   | 3465    | 5126   | 154245 | <a href="#">Jeferson Luis Franco</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   biologia molecular   neuroscience   toxicology   environmental toxicology                                   | 34      | 23          | 0.676               | 79        | 63          | 0.797               | 3856     | 1665        | 0.432               |
| 146   | 3466    | 5127   | 154345 | <a href="#">Vera Peroni</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Political Science</a><br>Estado   política educacional relação público-privado na educação   | 34      | 25          | 0.735               | 68        | 47          | 0.691               | 3826     | 1924        | 0.503               |
| 57  | 3467    | 5128   | 154360 | <a href="#">Maria Catarina Megumi Kasuya</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica do solo   microbiologia e micologia   cogumelos   | 34      | 24          | 0.706               | 109       | 68          | 0.624               | 3821     | 1991        | 0.521               |
| 140   | 3468    | 5129   | 154369 | <a href="#">Eliana Barreto Bergter</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>Glicobiologia  | 34      | 23          | 0.676               | 74        | 51          | 0.689               | 3817     | 1664        | 0.436               |
| 41  | 3469    | 5130   | 154370 | <a href="#">Marco Antonio Dalla Costa</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Iluminação Artificial   Eletrônica de Potência  | 34      | 20          | 0.588               | 94        | 42          | 0.447               | 3816     | 1290        | 0.338               |
| 205   | 3470    | 5132   | 154414 | <a href="#">Juliano Pessan</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cariologia   Biofilme   Placa Dental Bacteriana   Flúor   Odontopediatria   | 34      | 22          | 0.647               | 90        | 73          | 0.811               | 3802     | 2319        | 0.610               |
| 1008  | 3471    | 5133   | 154417 | <a href="#">Sinatora A</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Tribologia   Materiais   Lubrificação   Engenharia Automotiva   Ferramentas                                   | 34      | 24          | 0.706               | 82        | 60          | 0.732               | 3801     | 1701        | 0.448               |
| 98  | 3472    | 5134   | 154435 | <a href="#">Marilda De Souza Gonçalves</a>   | <br><a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematologia   Genética   | 34      | 20          | 0.588               | 81        | 50          | 0.617               | 3796     | 1440        | 0.379               |
| 262   | 3473    | 5136   | 154443 | <a href="#">Suprabh Prakash</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>Particle Physics Theory  | 34      | 23          | 0.676               | 67        | 42          | 0.627               | 3794     | 1968        | 0.519               |
| 263   | 3474    | 5137   | 154459 | <a href="#">Marcelo Cristianini</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>alta pressão   high pressure processing   processamento térmico   ozônio   high pressure homogenization | 34      | 26          | 0.765               | 100       | 70          | 0.700               | 3789     | 2418        | 0.638               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 83  | 3475    | 5138   | 154461 | <a href="#">Humberto Gracher Riella</a>        |    | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            |   | 34      | 23          | 0.676               | 93        | 64          | 0.688               | 3788     | 2279        | 0.602               |
| 1009  | 3476    | 5139   | 154478 | <a href="#">Carlos Alberto Moreira Filho</a>   |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Genômica e Biologia de Sistemas  | 34      | 22          | 0.647               | 88        | 41          | 0.466               | 3784     | 1233        | 0.326               |
| 206   | 3477    | 5140   | 154493 | <a href="#">Marcos Rogério André</a>           |    | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">- Universidade Estadual Paulista (UNESP Jaboticabal)</a><br>Agentes transmitidos por artrópodes vetores (Anaplasmataceae   Bartonellaceae   Piroplasmorida   Mycoplasmataceae   Hepatozoidae) | 34      | 28          | 0.824               | 108       | 102         | 0.944               | 3781     | 2749        | 0.727               |
| 207   | 3478    | 5141   | 154496 | <a href="#">Alessandra Buhler Borges</a>       |    | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Clareamento dental   Erosão dental   Adesão  | 34      | 26          | 0.765               | 95        | 71          | 0.747               | 3780     | 2329        | 0.616               |
| 264   | 3479    | 5143   | 154505 | <a href="#">Rafael Leonardo Xediek Consani</a> |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>ODONTOLOGIA  | 34      | 21          | 0.618               | 112       | 62          | 0.554               | 3779     | 1768        | 0.468               |
| 84  | 3480    | 5145   | 154528 | <a href="#">Ronaldo C Araujo</a>               |    | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Biophysics</a><br>Metabolism   Exercise   Kinins   Obesity  | 34      | 18          | 0.529               | 70        | 47          | 0.671               | 3776     | 1267        | 0.336               |
| 1010  | 3481    | 5146   | 154541 | <a href="#">Maria Helena Larcher Caliri</a>    |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto</a><br>enfermagem   saúde   feridas   internacionalização   úlceras por pressão  | 34      | 22          | 0.647               | 83        | 43          | 0.518               | 3772     | 1394        | 0.370               |
| 9   | 3482    | 5147   | 154544 | <a href="#">Ana Maria Sampaio Assrey</a>       |    | <a href="#">Universidade Estadual do Ceará</a>                         | Fisio-Farmacologia da Inflamação  | 34      | 20          | 0.588               | 95        | 59          | 0.621               | 3770     | 1460        | 0.387               |
| 99  | 3483    | 5148   | 154577 | <a href="#">Lindomar Pena</a>                  |   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador em Saúde Pública Fundação Oswaldo Cruz (Fiocruz)-PE/CPqAM</a><br>Virologia  | 34      | 28          | 0.824               | 52        | 47          | 0.904               | 3761     | 2349        | 0.625               |
| 265   | 3484    | 5149   | 154606 | <a href="#">Hiroshi Aoyama</a>                 |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Enzimologia   Macromoléculas  | 34      | 18          | 0.529               | 90        | 39          | 0.433               | 3754     | 1100        | 0.293               |
| 1011  | 3485    | 5150   | 154608 | <a href="#">Gustavo Carlos Buscaglia</a>       |  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Computational Mechanics   Numerical Analysis   Computational Fluid Dynamics   Multiphase Flow   Lubrication                      | 34      | 16          | 0.471               | 74        | 30          | 0.405               | 3753     | 1041        | 0.277               |
| 147   | 3486    | 5151   | 154612 | <a href="#">Renata Pereira Limberger</a>       |  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>toxicologia   | 34      | 24          | 0.706               | 101       | 69          | 0.683               | 3752     | 1842        | 0.491               |
| 85  | 3487    | 5153   | 154628 | <a href="#">Rachel Riera</a>                   |  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Medicina  | 34      | 28          | 0.824               | 81        | 68          | 0.840               | 3748     | 2864        | 0.764               |



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| 141   | 3488    | 5156   | 154658 | <a href="#">Ulisses Gazos Lopes</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                    | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Biologia Molecular   | 34      | 18          | 0.529               | 63        | 31          | 0.492               | 3739     | 926         | 0.248               |
| 51  | 3489    | 5157   | 154666 | <a href="#">Lucia Maria Zeoula</a>                            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Maringá</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Zootecnia   Nutrição de ruminantes   produção de leite   bufalos                        | 34      | 15          | 0.441               | 101       | 33          | 0.327               | 3736     | 1056        | 0.283               |
| 208   | 3490    | 5158   | 154670 | <a href="#">Sílvia Rodrigues Machado</a>                      |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Vegetal  | 34      | 20          | 0.588               | 105       | 67          | 0.638               | 3735     | 1660        | 0.444               |
| 1012  | 3491    | 5159   | 154671 | <a href="#">Paulo César Fonseca Giannini</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Sedimentology   Sedimentary Petrology   Geoarchaeology   Depositional Systems   Coastal Geology | 34      | 23          | 0.676               | 91        | 63          | 0.692               | 3735     | 1744        | 0.467               |
| 100   | 3492    | 5160   | 154680 | <a href="#">Raquel De Vasconcellos Carvalhaes De Oliveira</a> |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                     | <a href="#">Pesquisador, Fundação Oswaldo Cruz</a><br>Estatística   Epidemiologia   Pesquisa Clínica   | 34      | 25          | 0.735               | 59        | 53          | 0.898               | 3732     | 1925        | 0.516               |
| 2   | 3493    | 5161   | 154686 | <a href="#">Leonardo Oliveira Reis</a>                        |  <a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Medical and Health Sciences / Urology</a><br>Urologic Oncology   Genitourinary Cancer   UroScience   Immuno-Oncology                                 | 34      | 24          | 0.706               | 103       | 63          | 0.612               | 3729     | 2083        | 0.559               |
| 1013  | 3494    | 5162   | 154689 | <a href="#">Francisco De Assis Alves Mourão Filho</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">UniversidSão Paulo (ESALO)</a><br>Citricultura   Biotecnologia   Melhoramento Genético Vegetal   | 34      | 17          | 0.500               | 95        | 32          | 0.337               | 3728     | 1081        | 0.290               |
| 1014  | 3495    | 5163   | 154701 | <a href="#">Alex Cavaliéri Carciofi</a>                       |  <a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">UniversidSão Paulo</a><br>Hot Stars   Interferometry   Circumstellar Disks   | 34      | 22          | 0.647               | 65        | 47          | 0.723               | 3726     | 1916        | 0.514               |
| 29  | 3496    | 5164   | 154712 | <a href="#">Ariadna Valentina Lopes</a>                       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Pernambuco</a>                        | <a href="#">UniversidPernambuco</a><br>Pollination Biology   plant reproductive ecology   phenology   conservation biology                                       | 34      | 20          | 0.588               | 66        | 45          | 0.682               | 3724     | 1731        | 0.465               |
| 209   | 3497    | 5165   | 154732 | <a href="#">Wilma De Grava Kempinas</a>                       |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da Reprodução  | 34      | 22          | 0.647               | 84        | 60          | 0.714               | 3716     | 1589        | 0.428               |
| 1   | 3498    | 5167   | 154742 | <a href="#">Caio Parente Barbosa</a>                          |  <a href="#">Brazil</a> | <a href="#">Fundação e Faculdade de Medicina do ABC</a>                   | <a href="#">MediciABC</a><br>Saúde Reprodutiva   | 34      | 23          | 0.676               | 101       | 66          | 0.653               | 3713     | 2092        | 0.563               |
| 4   | 3499    | 5169   | 154761 | <a href="#">Alessandro Francisco Martins</a>                  |  <a href="#">Brazil</a> | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>          | <a href="#">TechnologyBrazil</a><br>Polysaccharides   Scaffolds   Tissue Engineering   Biomaterials   Hydrogels  | 34      | 31          | 0.912               | 64        | 64          | 1.000               | 3709     | 3075        | 0.829               |

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|---|---------|--------|--------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1015  | 3500    | 5170   | 154774 | <a href="#">Glauco Arbix</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Business &amp; Management / Entrepreneurship</a><br>innovation policy   economic development   sociology of development   innovation   technology | 34      | 16          | 0.471               | 69        | 24          | 0.348               | 3707     | 810         | 0.219               |
| 63  | 3501    | 5171   | 154791 | <a href="#">Luiz Filipe Protasio Pereira</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética de Plantas   Genômica   Biotecnologia   Melhoramento                          | 34      | 23          | 0.676               | 60        | 48          | 0.800               | 3702     | 1692        | 0.457               |
| 36  | 3502    | 5172   | 154793 | <a href="#">Jose Mauricio Domingues</a>      |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Social Sciences / Sociology</a><br>Sociologia   teoria social   teoria critica   teoria política  | 34      | 19          | 0.559               | 76        | 42          | 0.553               | 3701     | 1168        | 0.316               |
| 171   | 3503    | 5173   | 154810 | <a href="#">Fernão Castro Braga</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Fitoquímica   | 34      | 23          | 0.676               | 100       | 70          | 0.700               | 3697     | 1858        | 0.503               |
| 1016  | 3504    | 5174   | 154820 | <a href="#">Gilberto A Paula</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Statistics</a><br>Modelos de Regressão   Regression Models   Generalized Linear Models   | 34      | 18          | 0.529               | 69        | 34          | 0.493               | 3694     | 1035        | 0.280               |
| 148   | 3505    | 5175   | 154856 | <a href="#">Plinho Hertz</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Enzimologia de Alimentos  | 34      | 26          | 0.765               | 57        | 47          | 0.825               | 3687     | 2152        | 0.584               |
| 53  | 3506    | 5177   | 154887 | <a href="#">João Claudio Todorov</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">UniversidBrasília</a><br>Análise do comportamento   Behavior analysis   | 34      | 18          | 0.529               | 72        | 36          | 0.500               | 3678     | 1306        | 0.355               |
| 27  | 3507    | 5180   | 154921 | <a href="#">Marcia Mesko</a>                 |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química - Química Analítica   | 34      | 23          | 0.676               | 91        | 74          | 0.813               | 3667     | 1849        | 0.504               |
| 149   | 3508    | 5181   | 154927 | <a href="#">Marco Flôres Ferrão</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>quimiometria  | 34      | 25          | 0.735               | 94        | 61          | 0.649               | 3665     | 2200        | 0.600               |
| 266   | 3509    | 5182   | 154928 | <a href="#">João Semir</a>                   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Biology   Taxonomy   Plant Reproduction   Plant Breeding   Systematics                    | 34      | 16          | 0.471               | 80        | 35          | 0.438               | 3665     | 1013        | 0.276               |
| 52  | 3510    | 5183   | 154938 | <a href="#">Oswaldo Ferrarese Filho</a>      |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant metabolism   lignin   bioenergy   nanoparticles   herbicides                              | 34      | 24          | 0.706               | 67        | 51          | 0.761               | 3660     | 2140        | 0.585               |
| 2   | 3511    | 5184   | 154946 | <a href="#">Bianca Bianco</a>                |  Brazil | <a href="#">Fundação e Faculdade de Medicina do ABC</a>         | <a href="#">MediciABC</a>   | 34      | 22          | 0.647               | 97        | 63          | 0.649               | 3656     | 1900        | 0.520               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14  | 3512    | 5185   | 154947 | <a href="#">Sergio Eduardo Alonso Araujo</a>    |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                      | <a href="#">Colorectal Surgery. Cancer Center, Hospital Israelita Albert Einstein, Sao Paulo</a><br>Colorectal Surgery   Oncologic Surgery   Minimally Invasive Surgery   Colorectal Cancer   Inflammatory Bowel Diseases | 34      | 23          | 0.676               | 82        | 50          | 0.610               | 3656     | 1810        | 0.495               |
| 12  | 3513    | 5186   | 154952 | <a href="#">Olga Lima Tavares Machado</a>       |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Química de macromoléculas   biodiesel   alérgenos e doenças alérgicas   | 34      | 19          | 0.559               | 75        | 46          | 0.613               | 3655     | 1265        | 0.346               |
| 1017  | 3514    | 5187   | 154955 | <a href="#">Eny Floh</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Biological Science</a>   | 34      | 24          | 0.706               | 71        | 49          | 0.690               | 3654     | 1507        | 0.412               |
| 210   | 3515    | 5189   | 154967 | <a href="#">Arnaldo Alves Cardoso</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   química ambiental   química atmosférica   | 34      | 20          | 0.588               | 86        | 47          | 0.547               | 3650     | 1455        | 0.399               |
| 7   | 3516    | 5190   | 154969 | <a href="#">Alexandra Ioppi Zugno</a>           |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>           | <a href="#">Medical and Health Sciences / Psychiatry</a><br>neurociências   psiquiatria   esquizofrenia   | 34      | 19          | 0.559               | 67        | 43          | 0.642               | 3650     | 1541        | 0.422               |
| 4   | 3517    | 5191   | 154985 | <a href="#">Luiza Jane Eyre De Souza Vieira</a> |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>                        | <a href="#">SaúColetivFortaleza</a><br>Políticas de Saúde   planejamento e gestão em saúde   violência e saúde.   | 34      | 23          | 0.676               | 101       | 62          | 0.614               | 3642     | 1858        | 0.510               |
| 1018  | 3518    | 5192   | 154990 | <a href="#">Celso Rodrigues Franci</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Physiology</a><br>Endocrinologia / Neuroendocrinologia  | 34      | 18          | 0.529               | 93        | 32          | 0.344               | 3641     | 1077        | 0.296               |
| 84  | 3519    | 5195   | 155032 | <a href="#">Antonio Hf Klein</a>                |  Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Evolução Costeira  | 34      | 23          | 0.676               | 85        | 55          | 0.647               | 3629     | 1621        | 0.447               |
| 28  | 3520    | 5196   | 155062 | <a href="#">Orangel Aguilera</a>                |  Brazil | <a href="#">Universidade Federal Fluminense</a>                         | Paleontology   Zooarchaeology   | 34      | 22          | 0.647               | 77        | 58          | 0.753               | 3620     | 1906        | 0.527               |
| 64  | 3521    | 5197   | 155111 | <a href="#">Maria Carolina Blassioli Moraes</a> |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de insetos e plantas  | 34      | 23          | 0.676               | 92        | 73          | 0.793               | 3606     | 1759        | 0.488               |
| 22  | 3522    | 5198   | 155133 | <a href="#">Jose Dias Do Nascimento Jr</a>      |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>             | <a href="#">RioGrandeNorte</a><br>Stellar Astrophysics  | 34      | 24          | 0.706               | 66        | 45          | 0.682               | 3600     | 1833        | 0.509               |
| 10  | 3523    | 5200   | 155180 | <a href="#">Rafael Nunes</a>                    |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>               | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Gravitation   | 34      | 33          | 0.971               | 57        | 56          | 0.982               | 3585     | 3361        | 0.938               |
| 1019  | 3524    | 5201   | 155185 | <a href="#">José Mondelli</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística   | 34      | 16          | 0.471               | 66        | 29          | 0.439               | 3583     | 924         | 0.258               |










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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 211   | 3525    | 5202   | 155202 | <a href="#">Andre Rodrigues</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Fungal taxonomy   Systematics and Ecology  | 34      | 24          | 0.706               | 78        | 70          | 0.897               | 3575     | 2157        | 0.603               |
| 6   | 3526    | 5205   | 155242 | <a href="#">Elaine Hatanaka</a>                |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Immunology of Exercise   Wound Healing   Diabetes                               | 34      | 22          | 0.647               | 52        | 41          | 0.788               | 3562     | 1842        | 0.517               |
| 1020  | 3527    | 5206   | 155252 | <a href="#">Jorge Cesar Masini</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 34      | 16          | 0.471               | 92        | 38          | 0.413               | 3557     | 1092        | 0.307               |
| 142   | 3528    | 5207   | 155285 | <a href="#">Carlos Eduardo Viveiros Grelle</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Conservation Biology   Ecology   Biogeography   | 34      | 23          | 0.676               | 77        | 48          | 0.623               | 3545     | 2094        | 0.591               |
| 30  | 3529    | 5208   | 155297 | <a href="#">Rubem Ca Guedes</a>                |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience and Nutrition   Spreading depression  | 34      | 16          | 0.471               | 102       | 30          | 0.294               | 3541     | 984         | 0.278               |
| 17  | 3530    | 5209   | 155307 | <a href="#">Julia Maria Costa Cruz</a>         |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | Helminths   Diagnóstico   Strongiloidiase   cisticercose   | 34      | 14          | 0.412               | 100       | 29          | 0.290               | 3539     | 1007        | 0.285               |
| 1021  | 3531    | 5210   | 155314 | <a href="#">Mario Jose Politi</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Colóides   Polímeros   Fotoquímica   Fotofísica   Novos Materiais                              | 34      | 14          | 0.412               | 86        | 19          | 0.221               | 3538     | 801         | 0.226               |
| 7   | 3532    | 5212   | 155368 | <a href="#">Pablo Javier Blanco</a>            |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>          | <a href="#">National Laboratory for Scientific Computing</a><br>Variational Formulations   Computational Hemodynamics   Numerical Methods                    | 34      | 24          | 0.706               | 64        | 51          | 0.797               | 3517     | 1969        | 0.560               |
| 32  | 3533    | 5219   | 155436 | <a href="#">Vanessa Hatje</a>                  |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>trace metals   REE   marine pollution   biogeochemistry   blue C           | 34      | 27          | 0.794               | 55        | 48          | 0.873               | 3491     | 2084        | 0.597               |
| 73  | 3534    | 5222   | 155513 | <a href="#">Geanne Andrade</a>                 |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Neuropsicofarmacologia   purinas   neuroproteção   doenças neurodegenerativas                    | 34      | 21          | 0.618               | 49        | 34          | 0.694               | 3470     | 1297        | 0.374               |
| 42  | 3535    | 5223   | 155516 | <a href="#">Fábio Andrei Duarte</a>            |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 34      | 24          | 0.706               | 85        | 64          | 0.753               | 3468     | 2002        | 0.577               |
| 58  | 3536    | 5225   | 155551 | <a href="#">Eugenio Eduardo De Oliveira</a>    |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | agriculture   entomology   insect physiology   neuroscience   pesticide development  | 34      | 31          | 0.912               | 80        | 74          | 0.925               | 3455     | 2626        | 0.760               |
| 1022  | 3537    | 5227   | 155624 | <a href="#">Marcilio Alves</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | impact engineering   experimental mechanics   nonlinear finite elements   buckling   | 34      | 25          | 0.735               | 68        | 46          | 0.676               | 3429     | 1735        | 0.506               |
| 11  | 3538    | 5228   | 155627 | <a href="#">Maria De Fátima Arrigoni Blank</a> |  Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>Agronomia - Produção de mudas - Cultura de Tecidos de Plantas - Fisiologia de plantas cultivadas | 34      | 24          | 0.706               | 73        | 49          | 0.671               | 3428     | 1631        | 0.476               |


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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 29  | 3539    | 5229   | 155639 | <a href="#">Ricardo Cassella</a>                   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   | 34      | 22          | 0.647               | 95        | 51          | 0.537               | 3423     | 1449        | 0.423               |
| 53  | 3540    | 5232   | 155684 | <a href="#">Paulo Cezar De Freitas Mathias</a>     |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   | 34      | 19          | 0.559               | 99        | 55          | 0.556               | 3404     | 1363        | 0.400               |
| 20  | 3541    | 5233   | 155696 | <a href="#">Marcelo Cohen</a>                      |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | Palynology  | 34      | 23          | 0.676               | 74        | 55          | 0.743               | 3401     | 1518        | 0.446               |
| 1023  | 3542    | 5234   | 155697 | <a href="#">Edson Vidal</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Manejo de Florestas Tropicais  | 34      | 21          | 0.618               | 55        | 31          | 0.564               | 3401     | 1287        | 0.378               |
| 212   | 3543    | 5235   | 155706 | <a href="#">Roberta Okamoto</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Anatomy</a><br>Reparo Ósseo   Interferências Sistêmicas   Biomateriais  | 34      | 27          | 0.794               | 76        | 66          | 0.868               | 3396     | 2176        | 0.641               |
| 43  | 3544    | 5236   | 155711 | <a href="#">Gabriela Trevisan</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology and Pain   | 34      | 28          | 0.824               | 80        | 75          | 0.938               | 3395     | 2324        | 0.685               |
| 143   | 3545    | 5237   | 155720 | <a href="#">Regina Coeli Dos Santos Goldenberg</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Cardiovascular   Fisiologia Hepática   Células-tronco   Terapia Celular   Bioengenharia                          | 34      | 19          | 0.559               | 62        | 38          | 0.613               | 3392     | 1118        | 0.330               |
| 1024  | 3546    | 5238   | 155722 | <a href="#">Fernando Jose Gomes Landgraf</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>magnetic materials   magnetic measurements   archaeometallurgy   plastic deformation   powder metallurgy  | 34      | 16          | 0.471               | 79        | 39          | 0.494               | 3391     | 1068        | 0.315               |
| 213   | 3547    | 5239   | 155750 | <a href="#">Luis Octavio Regasini</a>              |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal Chemistry   Drug Discovery   Química Medicinal   Produtos Naturais   Natural Products | 34      | 25          | 0.735               | 87        | 69          | 0.793               | 3378     | 1951        | 0.578               |
| 86  | 3548    | 5240   | 155781 | <a href="#">Paula M Castelo</a>                    |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Oral   | 34      | 25          | 0.735               | 66        | 62          | 0.939               | 3363     | 1946        | 0.579               |
| 4   | 3549    | 5241   | 155792 | <a href="#">Marco Antonio Schiavon</a>             |  Brazil | <a href="#">Universidade Federal de São João del Rei UFSJ</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Ciência dos Materiais   Química Inorgânica   Nanotecnologia   Pontos Quânticos   Células Solares                                | 34      | 25          | 0.735               | 84        | 66          | 0.786               | 3356     | 1880        | 0.560               |
| 144   | 3550    | 5242   | 155802 | <a href="#">Yraima Cordeiro</a>                    |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Protein folding   Biophysics   Neurodegenerative diseases   therapy  | 34      | 21          | 0.618               | 67        | 45          | 0.672               | 3353     | 1413        | 0.421               |
| 1025  | 3551    | 5243   | 155809 | <a href="#">Francisco Assis Leone</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Cinética enzimática   Bioquímica   Membranas Biológicas   | 34      | 14          | 0.412               | 83        | 27          | 0.325               | 3349     | 724         | 0.216               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 3552    | 5244   | 155834 | <a href="#">Emmanoei Vilaca Costa</a>              |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos Naturais   Óleos Essenciais   Cromatografia   Ressonância Magnética Nuclear.   | 34      | 27          | 0.794               | 84        | 76          | 0.905               | 3339     | 1979        | 0.593               |
| 54  | 3553    | 5245   | 155846 | <a href="#">Andreza De Bem</a>                     |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Brasilia</a>  | 34      | 25          | 0.735               | 91        | 63          | 0.692               | 3333     | 1860        | 0.558               |
| 21  | 3554    | 5246   | 155850 | <a href="#">Eduardo Alves</a>                      |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant pathology   electron microscopy   | 34      | 20          | 0.588               | 69        | 40          | 0.580               | 3332     | 1418        | 0.426               |
| 1026  | 3555    | 5250   | 155889 | <a href="#">Astrid De MP Kleinert</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Apoidea   Meliponini   | 34      | 17          | 0.500               | 56        | 35          | 0.625               | 3314     | 1086        | 0.328               |
| 267   | 3556    | 5252   | 155920 | <a href="#">Fernando Antonio Cabral</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Separações Físicas   Termodinâmica   Tecnologia Supercrítica                                     | 34      | 26          | 0.765               | 62        | 52          | 0.839               | 3300     | 1743        | 0.528               |
| 145   | 3557    | 5253   | 155922 | <a href="#">Fernando Gomes De Souza Junior</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymers   renewable resources   green chemistry   sensors   environmental recovery | 34      | 26          | 0.765               | 104       | 102         | 0.981               | 3299     | 2353        | 0.713               |
| 85  | 3558    | 5254   | 155931 | <a href="#">Felipe Do Nascimento Vieira</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquaculture   shrimp nutrition   shrimp production   biofloc   AMTI   | 34      | 29          | 0.853               | 74        | 66          | 0.892               | 3296     | 2283        | 0.693               |
| 1027  | 3559    | 5255   | 155936 | <a href="#">Jose Mauricio Rosolen</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a>  | 34      | 16          | 0.471               | 71        | 31          | 0.437               | 3295     | 853         | 0.259               |
| 74  | 3560    | 5256   | 155945 | <a href="#">Adriana Nunes Correia</a>              |  Brazil  | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletrouímica   Eletroanalítica   Pesticidas   Fármacos   Corrosão   | 34      | 23          | 0.676               | 81        | 60          | 0.741               | 3292     | 1656        | 0.503               |
| 1028  | 3561    | 5257   | 155979 | <a href="#">Carlos Roberto Bueno Júnior</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia   genética   obesidade   doenças cardíacas   distrofias musculares                                       | 34      | 21          | 0.618               | 67        | 47          | 0.701               | 3273     | 1349        | 0.412               |
| 214   | 3562    | 5258   | 155982 | <a href="#">Pasqual Barretti</a>                   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia   Nutrição   Diálise   | 34      | 20          | 0.588               | 78        | 48          | 0.615               | 3271     | 1553        | 0.475               |
| 146   | 3563    | 5259   | 155984 | <a href="#">Carmen Cabanelas Pazos Moura</a>       |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia. endocrinologia  | 34      | 17          | 0.500               | 71        | 32          | 0.451               | 3270     | 1236        | 0.378               |
| 172   | 3564    | 5261   | 156008 | <a href="#">Adriano Monteiro De Castro Pimenta</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Peptide chemistry   cryptides   bioactive peptides   proteomics   mass spectrometry   | 34      | 18          | 0.529               | 66        | 45          | 0.682               | 3258     | 1177        | 0.361               |



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| University  | Country | Region | World  | Name                                      | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 3565    | 5262   | 156011 | <a href="#">José Maria De Lima</a>        |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">aposenUniversidLavras</a><br>Mineralogia e Química do Solo   Pedologia   Hidrologia   Física do Solo  | 34      | 14          | 0.412               | 79        | 34          | 0.430               | 3257     | 997         | 0.306               |
| 44  | 3566    | 5263   | 156015 | <a href="#">Mauro Schneider Oliveira</a>  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Epilepsia   Eletrofisiologia   Biologia molecular   | 34      | 22          | 0.647               | 83        | 57          | 0.687               | 3255     | 1601        | 0.492               |
| 15  | 3567    | 5264   | 156025 | <a href="#">Daniele Ribeiro De Araujo</a> |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Tecnologia Farmacêutica   Biofarmacêutica   Sistemas de Liberação de Fármacos      | 34      | 26          | 0.765               | 80        | 64          | 0.800               | 3251     | 1963        | 0.604               |
| 1029  | 3568    | 5267   | 156036 | <a href="#">Vanessa Soares Lara</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Imunopatologia   Imunossenescência   Estomatite protética   Fitoterápicos  | 34      | 20          | 0.588               | 72        | 53          | 0.736               | 3242     | 1305        | 0.403               |
| 1030  | 3569    | 5268   | 156047 | <a href="#">Lucia Andrade</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |   | 34      | 22          | 0.647               | 55        | 39          | 0.709               | 3240     | 1341        | 0.414               |
| 18  | 3570    | 5269   | 156074 | <a href="#">Samara Carbone</a>            |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Uberlândia</a><br>Qualidade do ar   | 34      | 30          | 0.882               | 56        | 50          | 0.893               | 3216     | 2362        | 0.734               |
| 215   | 3571    | 5270   | 156095 | <a href="#">Eduardo Cilli</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>peptídeos   proteínas   estrutura   conformação   membranas   | 34      | 24          | 0.706               | 94        | 66          | 0.702               | 3199     | 1826        | 0.571               |
| 86  | 3572    | 5271   | 156100 | <a href="#">Mauricio Peña Cunha</a>       |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Neuroscience   Molecular Neurobiology   Physiology of Exercise   | 34      | 28          | 0.824               | 53        | 52          | 0.981               | 3198     | 1888        | 0.590               |
| 268   | 3573    | 5272   | 156102 | <a href="#">Ângela Maria Moraes</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   | 34      | 24          | 0.706               | 72        | 50          | 0.694               | 3197     | 1737        | 0.543               |
| 216   | 3574    | 5273   | 156109 | <a href="#">Gisele Faria</a>              |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   citotoxicidade de materiais odontológicos   lesão periapical   biocompatibilidade   limpeza de canais radiculares | 34      | 25          | 0.735               | 73        | 61          | 0.836               | 3192     | 1751        | 0.549               |
| 217   | 3575    | 5276   | 156157 | <a href="#">Ana Lucia Barretto Penna</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | probiotic   dairy technology   functional food   cheese   food safety   | 34      | 26          | 0.765               | 57        | 46          | 0.807               | 3162     | 1895        | 0.599               |
| 173   | 3576    | 5277   | 156167 | <a href="#">Clemens Schlindwein</a>       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Polinização   Botânica   Polinizadores   Comportamento Animal   Abelhas  | 34      | 23          | 0.676               | 76        | 53          | 0.697               | 3153     | 1429        | 0.453               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 218   | 3577    | 5279   | 156188 | <a href="#">Simone Capelini</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Aprendizagem Leitura Escrita Dislexia TDAH</a><br>Aprendizagem   Leitura   Escrita   Dislexia   TDAH                                    | 34      | 13          | 0.382               | 75        | 25          | 0.333               | 3135     | 675         | 0.215               |
| 150   | 3578    | 5280   | 156189 | <a href="#">José Zuanazzi</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   Farmacognosia  | 34      | 21          | 0.618               | 64        | 46          | 0.719               | 3135     | 1185        | 0.378               |
| 1031  | 3579    | 5282   | 156211 | <a href="#">Niege Araçari Jacometti Cardoso Furtado</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Natural products   biotransformation   applied microbiology | 34      | 20          | 0.588               | 62        | 49          | 0.790               | 3115     | 1375        | 0.441               |
| 101   | 3580    | 5283   | 156212 | <a href="#">Washington Lc Dos-Santos</a>                |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador Titular, Fundação Oswaldo Cruz</a><br>Infecção   Nefropatologia   Patologia computacional                                   | 34      | 19          | 0.559               | 70        | 46          | 0.657               | 3114     | 1271        | 0.408               |
| 87  | 3581    | 5285   | 156221 | <a href="#">Carlos Eduardo Maduro De Campos</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada  | 34      | 20          | 0.588               | 94        | 45          | 0.479               | 3106     | 1304        | 0.420               |
| 31  | 3582    | 5286   | 156224 | <a href="#">Armando Navarro Vázquez</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry   Nuclear Magnetic Resonance   Computational Chemistry                    | 34      | 21          | 0.618               | 70        | 49          | 0.700               | 3105     | 1449        | 0.467               |
| 151   | 3583    | 5288   | 156287 | <a href="#">Susana Maria Werner Samuel</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental Materials   | 34      | 27          | 0.794               | 75        | 64          | 0.853               | 3061     | 1985        | 0.648               |
| 152   | 3584    | 5289   | 156304 | <a href="#">Mauricio Krause</a>                         |  <a href="#">Brazil</a>  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia e Bioquímica   | 34      | 27          | 0.794               | 46        | 44          | 0.957               | 3046     | 1821        | 0.598               |
| 87  | 3585    | 5290   | 156309 | <a href="#">Mirian Hayashi</a>                          |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">(EPM)</a>   | 34      | 24          | 0.706               | 74        | 59          | 0.797               | 3042     | 1598        | 0.525               |
| 219   | 3586    | 5291   | 156320 | <a href="#">William F Zambuzzi</a>                      |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biologia do osso   Bioquímica   Biomateriais                  | 34      | 23          | 0.676               | 73        | 66          | 0.904               | 3033     | 1807        | 0.596               |
| 102   | 3587    | 5292   | 156343 | <a href="#">Valéria Rêgo Alves Pereira</a>              |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Tecnologista Sênior em Saúde Pública, IAM/FIOCRUZ/PE</a><br>Imunoparasitologia   Imunologia Celular e Molecular                         | 34      | 20          | 0.588               | 81        | 52          | 0.642               | 3016     | 1567        | 0.520               |
| 153   | 3588    | 5293   | 156376 | <a href="#">Loreta Brandão De Freitas</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Sciences  | 34      | 22          | 0.647               | 66        | 45          | 0.682               | 2974     | 1388        | 0.467               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1032  | 3589    | 5294   | 156391 | <a href="#">Marco Ar Mello</a>                      |    | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>ecological synthesis   theoretical ecology   network science   mutualism   bats  | 34      | 25          | 0.735               | 56        | 42          | 0.750               | 2943     | 1561        | 0.530               |
| 1033  | 3590    | 5295   | 156398 | <a href="#">Jose Cesar Rosa</a>                     |    | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cancer proteomics mass spectrometry  | 34      | 20          | 0.588               | 77        | 51          | 0.662               | 2932     | 1249        | 0.426               |
| 60  | 3591    | 5296   | 156404 | <a href="#">Paulo Waldir Tardioli</a>               |    | <a href="#">Universidade Federal de São Carlos</a>         | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Biochemical Engineering  | 34      | 28          | 0.824               | 68        | 63          | 0.926               | 2921     | 1990        | 0.681               |
| 269   | 3592    | 5297   | 156405 | <a href="#">Ana Maria Lima De Azeredo Espin</a>     |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética e biologia molecular de insetos   genômica populacional e funcional de dípteros de importância veterinária e sanit                  | 34      | 18          | 0.529               | 61        | 37          | 0.607               | 2919     | 1169        | 0.400               |
| 174   | 3593    | 5298   | 156410 | <a href="#">Steyner Cortes</a>                      |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology  | 34      | 20          | 0.588               | 68        | 39          | 0.574               | 2915     | 1182        | 0.405               |
| 3   | 3594    | 5299   | 156467 | <a href="#">Erich Fischer</a>                       |    | <a href="#">Universidade Federal de Mato Grosso do Sul</a> | <a href="#">Natural Sciences / Biological Science</a><br>ecology  | 34      | 21          | 0.618               | 68        | 43          | 0.632               | 2757     | 1424        | 0.517               |
| 1034  | 3595    | 5301   | 156482 | <a href="#">Michael Hrcncir</a>                     |    | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Medical and Health Sciences / Physiology</a>  | 34      | 21          | 0.618               | 56        | 46          | 0.821               | 2729     | 1286        | 0.471               |
| 1   | 3596    | 5302   | 156520 | <a href="#">BG Oliveira</a>                         |    | <a href="#">Universidade Federal do Oeste da Bahia</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Quântica  | 34      | 13          | 0.382               | 59        | 14          | 0.237               | 2293     | 551         | 0.240               |
| 1035  | 3597    | 5306   | 156592 | <a href="#">Andrea Roseli Vancan Russo Horimoto</a> |    | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Population genetics   statistical genetics   bioinformatics  | 33      | 31          | 0.939               | 52        | 47          | 0.904               | 20850    | 18620       | 0.893               |
| 1036  | 3598    | 5307   | 156627 | <a href="#">Viviane Cunha Cardoso</a>               |    | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Medicine</a><br>saúde perinatal   estudos de coortes   origem desenvolvimentista da saúde e doença   doenças crônicas não transmissíveis  | 33      | 29          | 0.879               | 55        | 49          | 0.891               | 16969    | 14961       | 0.882               |
| 88  | 3599    | 5309   | 156675 | <a href="#">Danilo Candido De Almeida *</a>         |    | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>muscolo   mitocôndri   distrofia muscular  | 33      | 24          | 0.727               | 58        | 45          | 0.776               | 14846    | 7559        | 0.509               |
| 1037  | 3600    | 5310   | 156719 | <a href="#">Moacyr Nobre</a>                        |   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Medicina Baseada em Evidência   Epidemiologia Clínica   Educação em Saúde   Revisão Sistemática   Avaliação de Tecnologias em Saúde | 33      | 21          | 0.636               | 60        | 37          | 0.617               | 13628    | 3426        | 0.251               |
| 89  | 3601    | 5311   | 156745 | <a href="#">Soraya Smaili *</a>                     |  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signaling and Cell Death  | 33      | 22          | 0.667               | 71        | 49          | 0.690               | 12822    | 7068        | 0.551               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 3602    | 5312   | 156766 | <a href="#">Maria Celina Bodin De Moraes</a>     |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Law / Law and Legal Studies</a><br>Direito   Direito Privado   Direito Civil-Constitucional   Law  | 33      | 22          | 0.667               | 58        | 35          | 0.603               | 12288    | 4517        | 0.368               |
| 103   | 3603    | 5315   | 156989 | <a href="#">Rodrigo Pedro Pinto Soares</a>       |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Instituto René Rachou/FIOCRUZ</a><br>Leishmania  | 33      | 26          | 0.788               | 71        | 56          | 0.789               | 9477     | 7579        | 0.800               |
| 55  | 3604    | 5316   | 157036 | <a href="#">Antonio Macho Quirós</a>             |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Pharmacology   Cancerology  | 33      | 16          | 0.485               | 55        | 29          | 0.527               | 9170     | 1025        | 0.112               |
| 33  | 3605    | 5317   | 157052 | <a href="#">Mas Silva</a>                        |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision   | 33      | 21          | 0.636               | 121       | 53          | 0.438               | 9048     | 3587        | 0.396               |
| 6   | 3606    | 5318   | 157174 | <a href="#">Rodney Gomes</a>                     |  Brazil   | <a href="#">Observatorio Nacional</a>                                      | <a href="#">pesquisador titular, Observatório Nacional</a><br>astronomia   | 33      | 23          | 0.697               | 52        | 29          | 0.558               | 8374     | 2702        | 0.323               |
| 56  | 3607    | 5319   | 157175 | <a href="#">Joaquim Brasil Neto</a>              |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurology   Neurophysiology  | 33      | 22          | 0.667               | 46        | 32          | 0.696               | 8366     | 1595        | 0.191               |
| 1038  | 3608    | 5321   | 157372 | <a href="#">Jairo Nunes</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Social Sciences / Linguistics and Literature</a><br>sintaxe gerativa   | 33      | 19          | 0.576               | 63        | 29          | 0.460               | 7631     | 1833        | 0.240               |
| 29  | 3609    | 5322   | 157411 | <a href="#">Ieda Spacino Scarminio</a>           |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Chemometrics   Analytical chemistry   Metabolomics  | 33      | 20          | 0.606               | 94        | 54          | 0.574               | 7504     | 2352        | 0.313               |
| 220   | 3610    | 5324   | 157427 | <a href="#">Ana Lucia Anjos Ferreira</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Internal Botucatuã€</a> !<br>medicine   intensive care medicine   nutrition  | 33      | 22          | 0.667               | 66        | 49          | 0.742               | 7410     | 3175        | 0.428               |
| 1039  | 3611    | 5325   | 157454 | <a href="#">Ana Paula Bortoletto Martins</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health Nutrition   Epidemiology   | 33      | 32          | 0.970               | 52        | 47          | 0.904               | 7359     | 5698        | 0.774               |
| 1040  | 3612    | 5326   | 157519 | <a href="#">Margarida Maria Krohling Kunsch</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">MargariM.KrohlingKunsch</a><br>Escola de Comunicações e Artes - ECA  | 33      | 23          | 0.697               | 63        | 32          | 0.508               | 7181     | 2228        | 0.310               |
| 221   | 3613    | 5327   | 157554 | <a href="#">Renato Grillo</a>                    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   Smart delivery systems   Nano-enabled Agriculture   Environmental Science   Nanotoxicology | 33      | 27          | 0.818               | 61        | 50          | 0.820               | 7096     | 6060        | 0.854               |
| 5   | 3614    | 5329   | 157664 | <a href="#">Luiz Fernando Wurdig Roesch</a>      |  Brazil | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                     | <a href="#">Pampa</a><br>Next Generation Sequencing   Molecular microbial ecology   Microbiome   soil microbiology   | 33      | 28          | 0.848               | 67        | 56          | 0.836               | 6857     | 3293        | 0.480               |
| 1041  | 3615    | 5331   | 157681 | <a href="#">Priscyla Daniely Marcato Gaspari</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>nanotecnologia   drug delivery system  | 33      | 25          | 0.758               | 60        | 45          | 0.750               | 6818     | 3339        | 0.490               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1042  | 3616    | 5332   | 157697 | <a href="#">Henrique Rozenfeld</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Business &amp; Management / Entrepreneurship</a><br>innovation management   servitization   business model innovation   product-service system   front-end of innovation | 33      | 24          | 0.727               | 93        | 42          | 0.452               | 6789     | 2906        | 0.428               |
| 154   | 3617    | 5334   | 157801 | <a href="#">Alex Primo</a>                              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Cyberculture   Social Networks   Social Media   Actor-Network Theory   Computer Mediated Communication            | 33      | 20          | 0.606               | 63        | 31          | 0.492               | 6600     | 1574        | 0.238               |
| 17  | 3618    | 5335   | 157837 | <a href="#">Octavio Amorim Neto</a>                     |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                | <a href="#">Social Sciences / Political Science</a><br>Political Institutions   Brazilian Politics   Latin America   Lusophone Countries   Civil-Military Relations                  | 33      | 21          | 0.636               | 59        | 38          | 0.644               | 6535     | 1932        | 0.296               |
| 34  | 3619    | 5336   | 157915 | <a href="#">Sonia Gondim</a>                            |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              | <a href="#">Social Sciences / Psychology</a><br>Psicologia   Psicologia organizacional e do trabalho   grupos focais   psicologia do trabalho e das organizações   pesquisa qualit   | 33      | 29          | 0.879               | 76        | 55          | 0.724               | 6397     | 3285        | 0.514               |
| 23  | 3620    | 5338   | 157948 | <a href="#">Moacir Pasqual</a>                          |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                        | <a href="#">CulturTeciVegetaisUniversidLavras</a><br>Cultura de Tecidos Vegetais   Melhoramento Genético de Plantas   Biotecnologia  | 33      | 21          | 0.636               | 205       | 75          | 0.366               | 6347     | 2541        | 0.400               |
| 1043  | 3621    | 5340   | 157983 | <a href="#">Denise Crocce Romano Espinosa</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a><br>Reciclagem   tratamento de resíduos   hidrometalurgia  | 33      | 27          | 0.818               | 106       | 81          | 0.764               | 6301     | 3773        | 0.599               |
| 21  | 3622    | 5343   | 158049 | <a href="#">Hervé Rogez</a>                             |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">CVACBAbiologicas</a>   | 33      | 29          | 0.879               | 74        | 68          | 0.919               | 6193     | 3276        | 0.529               |
| 23  | 3623    | 5344   | 158065 | <a href="#">Marco Antonio Casanova</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Semantic Web  | 33      | 17          | 0.515               | 150       | 26          | 0.173               | 6172     | 1159        | 0.188               |
| 222   | 3624    | 5345   | 158075 | <a href="#">Jonas Contiero</a>                          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">III</a><br>Fermentações Industriais  | 33      | 27          | 0.818               | 71        | 51          | 0.718               | 6154     | 2418        | 0.393               |
| 175   | 3625    | 5346   | 158096 | <a href="#">Alexandre Abrão</a>                         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | Processos de fabricação  | 33      | 23          | 0.697               | 67        | 51          | 0.761               | 6126     | 2972        | 0.485               |
| 223   | 3626    | 5347   | 158126 | <a href="#">Ana Julia Fernandes Cardoso De Oliveira</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia  | 33      | 25          | 0.758               | 106       | 61          | 0.575               | 6092     | 3908        | 0.641               |
| 61  | 3627    | 5348   | 158222 | <a href="#">Mario Otavio Batalha</a>                    |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                         | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food management   | 33      | 22          | 0.667               | 72        | 42          | 0.583               | 5981     | 2215        | 0.370               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 147   | 3628    | 5349   | 158238 | <a href="#">Michel Misse</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Law / Law and Legal Studies</a><br>Sociologia   teoria social   violência   justiça criminal   criminalidade                                  | 33      | 25          | 0.758               | 59        | 39          | 0.661               | 5965     | 2636        | 0.442               |
| 90  | 3629    | 5350   | 158278 | <a href="#">Cynthia Andersen Sarti</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Social Sciences / Anthropology</a><br>Saúde e doença   Violência   Sofrimento   Memória   Gênero  | 33      | 19          | 0.576               | 49        | 27          | 0.551               | 5916     | 1692        | 0.286               |
| 22  | 3630    | 5351   | 158296 | <a href="#">Ricardo S Rosa</a>                |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Sistemática   Ecologia   Biologia da Conservação                                      | 33      | 19          | 0.576               | 62        | 34          | 0.548               | 5899     | 1739        | 0.295               |
| 148   | 3631    | 5352   | 158300 | <a href="#">Suzana Leitao</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacognosia   química de produtos naturais   etnofarmacologia   | 33      | 20          | 0.606               | 79        | 48          | 0.608               | 5893     | 2387        | 0.405               |
| 1044  | 3632    | 5353   | 158310 | <a href="#">Marilza De Oliveira</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Linguistics and Literature</a><br>Língua Portuguesa   História do Português Paulista   História Social da Língua            | 33      | 21          | 0.636               | 99        | 50          | 0.505               | 5886     | 3482        | 0.592               |
| 155   | 3633    | 5354   | 158316 | <a href="#">Carlos Eduardo Pereira</a>        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGS</a><br>automação   computação   engenharia elétrica   | 33      | 20          | 0.606               | 142       | 44          | 0.310               | 5879     | 2451        | 0.417               |
| 1045  | 3634    | 5356   | 158326 | <a href="#">Ricardo Alfredo Kluge</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Pós-colheita   Fisiologia vegetal  | 33      | 17          | 0.515               | 106       | 32          | 0.302               | 5870     | 1278        | 0.218               |
| 1046  | 3635    | 5358   | 158368 | <a href="#">Felix José Alvarez Ramires</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">ClínicMiocardiopatiaseAortCora&amp;AsoHCFMP</a>   | 33      | 21          | 0.636               | 57        | 35          | 0.614               | 5823     | 2341        | 0.402               |
| 32  | 3636    | 5360   | 158375 | <a href="#">Jaelson Castro</a>                |  Brazil  | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Requirements Engineering   Safety Critical Systems              | 33      | 14          | 0.424               | 121       | 22          | 0.182               | 5811     | 1210        | 0.208               |
| 1047  | 3637    | 5361   | 158389 | <a href="#">Oliveira RPS</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>probióticos   prebióticos   fermentação   bacteriocinas   inulina | 33      | 28          | 0.848               | 95        | 70          | 0.737               | 5796     | 3561        | 0.614               |
| 62  | 3638    | 5362   | 158401 | <a href="#">Hugo Sarmento</a>                 |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">SãoCarlos(Brazil)Hidrobiologia</a><br>Microbial Ecology   Microbiome   Plankton Ecology   Metacommunity Ecology   Aquatic Ecology             | 33      | 26          | 0.788               | 67        | 58          | 0.866               | 5785     | 3694        | 0.639               |
| 1048  | 3639    | 5365   | 158533 | <a href="#">Carolina Bonilla</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetics   epidemiology   anthropology   | 33      | 20          | 0.606               | 48        | 35          | 0.729               | 5655     | 1348        | 0.238               |
| 65  | 3640    | 5366   | 158554 | <a href="#">Francisco Carlos Krzyzanowski</a> |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Soja</a><br>Tecnologia de sementes de soja  | 33      | 20          | 0.606               | 80        | 42          | 0.525               | 5641     | 1840        | 0.326               |
| 176   | 3641    | 5367   | 158565 | <a href="#">Giliane Trindade</a>              |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   virologia   doenças emergntes   epidemiologia                               | 33      | 22          | 0.667               | 77        | 53          | 0.688               | 5628     | 2377        | 0.422               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 30  | 3642    | 5370   | 158623 | <a href="#">Oswaldo LG Quelhas</a>             |  Brazil   | <a href="#">Universidade Federal Fluminense</a>             | <a href="#">UFF</a><br>gestão organizacional  | 33      | 28          | 0.848               | 109       | 87          | 0.798               | 5575     | 4333        | 0.777               |
| 1049  | 3643    | 5372   | 158665 | <a href="#">Caetano Traina Júnior</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Bases de Dados   | 33      | 15          | 0.455               | 130       | 31          | 0.238               | 5550     | 1275        | 0.230               |
| 12  | 3644    | 5374   | 158827 | <a href="#">Antonio Carlos Sobral Sousa</a>    |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>         | <a href="#">Medical and Health Sciences / Cardiology</a><br>Medicina   Cardiologia   Ciências da Saúde  | 33      | 26          | 0.788               | 89        | 61          | 0.685               | 5422     | 2905        | 0.536               |
| 1050  | 3645    | 5377   | 158839 | <a href="#">Nilce M Martinez Rossi</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology and Genetics of fungi  | 33      | 24          | 0.727               | 79        | 48          | 0.608               | 5413     | 1986        | 0.367               |
| 1051  | 3646    | 5378   | 158867 | <a href="#">Reinaldo Guerreiro</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSão paulo</a><br>Contabilidade   | 33      | 19          | 0.576               | 76        | 34          | 0.447               | 5391     | 1371        | 0.254               |
| 17  | 3647    | 5379   | 158868 | <a href="#">Rogerio Gribel</a>                 |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">INPA - Instituto Nacional de Pesquisas da Amazônia</a><br>Conservation Biology   Tropical Ecology   Conservation Genetics   Biogeography   Plant Reproductive Biology | 33      | 21          | 0.636               | 53        | 41          | 0.774               | 5390     | 2649        | 0.491               |
| 66  | 3648    | 5382   | 158999 | <a href="#">Edson Eyji Sano</a>                |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Pesquisador da Embrapa Cerrados</a><br>Sensoriamento Remoto   | 33      | 22          | 0.667               | 82        | 51          | 0.622               | 5291     | 2431        | 0.459               |
| 270   | 3649    | 5383   | 159007 | <a href="#">Pedro C De Holanda</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas   Cosmologia   | 33      | 23          | 0.697               | 51        | 39          | 0.765               | 5287     | 2818        | 0.533               |
| 1052  | 3650    | 5384   | 159023 | <a href="#">Adriana Conforto</a>               |  Brazil  | <a href="#">Universidade de São Paulo USP</a>               | Stroke  | 33      | 30          | 0.909               | 79        | 59          | 0.747               | 5274     | 2692        | 0.510               |
| 1053  | 3651    | 5388   | 159104 | <a href="#">Maria Victoria Ramos Ballester</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Uso da terra   biogeoquímica aquática   | 33      | 19          | 0.576               | 59        | 34          | 0.576               | 5231     | 1509        | 0.288               |
| 104   | 3652    | 5389   | 159117 | <a href="#">Guilherme De Sousa Ribeiro</a>     |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology   public health   infectious diseases  | 33      | 28          | 0.848               | 67        | 62          | 0.925               | 5223     | 3462        | 0.663               |
| 1054  | 3653    | 5390   | 159118 | <a href="#">Pedro V Marques</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Economics &amp; Econometrics / Economics</a><br>agronegócios   derivados agropecuários  | 33      | 29          | 0.879               | 101       | 72          | 0.713               | 5222     | 3318        | 0.635               |
| 57  | 3654    | 5391   | 159125 | <a href="#">Monica Molina</a>                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Education / Education</a><br>Educação do Campo   Formação de Educadores   Políticas Públicas   Sociologia Rural   | 33      | 24          | 0.727               | 46        | 38          | 0.826               | 5220     | 2660        | 0.510               |
| 1055  | 3655    | 5392   | 159146 | <a href="#">Paulo Herman</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Cirurgia do Aparelho Digestivo  | 33      | 22          | 0.667               | 103       | 51          | 0.495               | 5204     | 2498        | 0.480               |
| 33  | 3656    | 5393   | 159168 | <a href="#">Rafael Dueire Lins</a>             |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">UniversidPernambuco/UniversidRural PernambucoBrazil</a><br>Document Engineering   Programming Languages   Garbage Collection  | 33      | 16          | 0.485               | 90        | 32          | 0.356               | 5190     | 1340        | 0.258               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 3657    | 5395   | 159207 | <a href="#">Amilton Paulo Raposo Costa</a>      |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                               | <a href="#">Professor de Fisiologia da Universidade Federal do Piauí</a><br>Reprodução   estresse   plantas medicinais   | 33      | 22          | 0.667               | 124       | 64          | 0.516               | 5168     | 2657        | 0.514               |
| 177   | 3658    | 5396   | 159234 | <a href="#">Tatiane Paixao</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology of Infectious Diseases  | 33      | 24          | 0.727               | 86        | 64          | 0.744               | 5147     | 2194        | 0.426               |
| 271   | 3659    | 5398   | 159354 | <a href="#">José Luiz Proenca Modena</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">UNICAMPBiologyGeneticEvolutionandBioagents</a><br>Virology   viral pathogenesis   innate immune response   arboviruses   respiratory viruses   | 33      | 26          | 0.788               | 64        | 59          | 0.922               | 5070     | 4275        | 0.843               |
| 1056  | 3660    | 5399   | 159400 | <a href="#">Jesus Paula Carvalho</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>câncer   ginecologia  | 33      | 20          | 0.606               | 120       | 47          | 0.392               | 5038     | 1861        | 0.369               |
| 178   | 3661    | 5400   | 159446 | <a href="#">Luzia Valentina Modolo</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Plant Biochemistry   Plant Physiology   Nitric Oxide   Plant Nutrition   (A)biotic Stress   | 33      | 25          | 0.758               | 52        | 42          | 0.808               | 5017     | 2610        | 0.520               |
| 31  | 3662    | 5401   | 159470 | <a href="#">Renata Vieira</a>                   |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Natural Language Processing   Agents   Computational Linguistics   Cognitive Science                                    | 33      | 20          | 0.606               | 116       | 55          | 0.474               | 5001     | 1558        | 0.312               |
| 58  | 3663    | 5404   | 159499 | <a href="#">José Luis Oreiro</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Economics &amp; Econometrics / Economics</a><br>macroeconomia e Desenvolvimento Econômico  | 33      | 22          | 0.667               | 105       | 48          | 0.457               | 4985     | 2313        | 0.464               |
| 35  | 3664    | 5406   | 159521 | <a href="#">Carmen Fontes De Souza Teixeira</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Social Sciences / Political Science</a><br>Politica de Saúde   Planejamento e Gestão de sistemas de saúde   Formação de pessoal em saúde   | 33      | 22          | 0.667               | 71        | 39          | 0.549               | 4973     | 2123        | 0.427               |
| 1057  | 3665    | 5407   | 159540 | <a href="#">Ligia Muradian</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a><br>Análise de alimentos   | 33      | 26          | 0.788               | 76        | 53          | 0.697               | 4963     | 2719        | 0.548               |
| 30  | 3666    | 5408   | 159542 | <a href="#">Sandra Odebrecht Vargas Nunes</a>   |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatra com linha de pesquisa em psicoimunologia  | 33      | 25          | 0.758               | 67        | 50          | 0.746               | 4961     | 2798        | 0.564               |
| 7   | 3667    | 5410   | 159550 | <a href="#">Antonio Marcus Nogueira Lima</a>    |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Máquinas Elétricas e Acionamentos Elétricos   Instrumentação Eletrônica   Sistemas de Controle   Identificação de Sistemas | 33      | 19          | 0.576               | 62        | 33          | 0.532               | 4957     | 1184        | 0.239               |
| 1058  | 3668    | 5412   | 159564 | <a href="#">Carlos Roberto Azzoni</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia Regional   Desigualdade   | 33      | 18          | 0.545               | 89        | 30          | 0.337               | 4947     | 1295        | 0.262               |
| 5   | 3669    | 5417   | 159685 | <a href="#">Domingo Braile</a>                  |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>       | TECNOLOGIA - CIRURGIA CARDIACA   | 33      | 16          | 0.485               | 128       | 29          | 0.227               | 4888     | 1207        | 0.247               |





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| 149   | 3670    | 5418   | 159689 | <a href="#">Luis Henrique Mk Costa</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">RioJaneiro</a><br>Routing in the Internet   Vehicular Networks   Smart Grid   | 33      | 20          | 0.606               | 95        | 46          | 0.484               | 4885     | 1470        | 0.301               |
| 1059  | 3671    | 5419   | 159691 | <a href="#">Raquel Rapone Gaidzinski</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Business &amp; Management / Human Resource Management</a><br>Recursos Humanos em Saúde   Enfermagem   Dimensionamento de Profissionais de Saúde | 33      | 18          | 0.545               | 89        | 39          | 0.438               | 4884     | 1141        | 0.234               |
| 54  | 3672    | 5422   | 159771 | <a href="#">Luiz Antonio Souza</a>              |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Morfologia vegetal   Anatomia vegetal   | 33      | 21          | 0.636               | 135       | 58          | 0.430               | 4845     | 2177        | 0.449               |
| 24  | 3673    | 5426   | 159847 | <a href="#">Rodrigo Lopes Ferreira</a>          |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Subterranean Biology   Cave ecology   Cave biology   Speleobiology   Biospeleology                 | 33      | 25          | 0.758               | 145       | 104         | 0.717               | 4810     | 2940        | 0.611               |
| 179   | 3674    | 5427   | 159856 | <a href="#">Carlos H Monken</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Physics</a><br>Quantum Mechanics   Quantum Optics   Optics   | 33      | 21          | 0.636               | 54        | 31          | 0.574               | 4807     | 1550        | 0.322               |
| 13  | 3675    | 5428   | 159871 | <a href="#">Arnoldo Rocha Facanha</a>           |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>     | <a href="#">BioenergeticsandCellBiologyUENF</a><br>bioenergetics   ion signaling   ion pumps   molecular oncology   plant and fungi physiology              | 33      | 21          | 0.636               | 58        | 42          | 0.724               | 4798     | 2081        | 0.434               |
| 1060  | 3676    | 5429   | 159879 | <a href="#">Paulo Ramos Da Silva Santos</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da Reprodução   | 33      | 19          | 0.576               | 129       | 46          | 0.357               | 4793     | 1651        | 0.344               |
| 8   | 3677    | 5431   | 159900 | <a href="#">Gelmires De Araújo Neves</a>        |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                      | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia  | 33      | 23          | 0.697               | 119       | 79          | 0.664               | 4785     | 2479        | 0.518               |
| 105   | 3678    | 5432   | 159902 | <a href="#">Claudia Nunes Duarte Dos Santos</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Instituto Carlos Chagas/Fiocruz PR</a><br>Emerging viruses   diagnostic   antiviral drugs   virus discovery   virus host interactions           | 33      | 22          | 0.667               | 67        | 46          | 0.687               | 4784     | 2338        | 0.489               |
| 106   | 3679    | 5433   | 159927 | <a href="#">Maria Helena Machado</a>            |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">FIOCRUZ</a><br>Profissões   Mercado de Trabalho   | 33      | 21          | 0.636               | 82        | 36          | 0.439               | 4772     | 2060        | 0.432               |
| 224   | 3680    | 5437   | 159973 | <a href="#">Alberto Albuquerque Gomes</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Social Sciences / Sociology</a><br>Sociologia da educação   formação de professores   representações sociais                                    | 33      | 24          | 0.727               | 79        | 46          | 0.582               | 4750     | 2305        | 0.485               |
| 32  | 3681    | 5439   | 160048 | <a href="#">Marília Costa Morosini</a>          |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Education / Education</a><br>Educação   Educação Superior   | 33      | 23          | 0.697               | 75        | 39          | 0.520               | 4718     | 2403        | 0.509               |
| 88  | 3682    | 5440   | 160071 | <a href="#">Marcelo Lobo Heldwein</a>           |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Electrical Engineering   Power Electronics                        | 33      | 19          | 0.576               | 74        | 41          | 0.554               | 4708     | 1741        | 0.370               |

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| 63  | 3683    | 5442   | 160097 | <a href="#">Lúcia Cavalcanti De Albuquerque Williams</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                               |  | 33      | 22          | 0.667               | 105       | 49          | 0.467               | 4699     | 1695        | 0.361               |
| 107   | 3684    | 5443   | 160115 | <a href="#">Gonzalo Bello</a>                            |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Laboratorio de AIDS e Imunologia Molecular. Instituto Oswaldo Cruz. FIOCRUZ</a><br>virology   evolutionary biology   viral pathogenesis  | 33      | 21          | 0.636               | 94        | 66          | 0.702               | 4693     | 2924        | 0.623               |
| 5   | 3685    | 5444   | 160120 | <a href="#">Glauco Vieira Miranda</a>                    |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>                 | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant breeding   soybean   maize breeding   sorghum breeding   hybrid rice breeder   | 33      | 16          | 0.485               | 111       | 31          | 0.279               | 4689     | 1339        | 0.286               |
| 67  | 3686    | 5445   | 160126 | <a href="#">Fabio Bueno Dos Reis Junior</a>              |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Pesquisador em Microbiologia do Solo, Embrapa Cerrados</a><br>Microbiologia do Solo   Fixação Biológica de Nitrogênio   Qualidade do Solo   Promoção do Crescimento de Plantas   Ecologia Mi                       | 33      | 24          | 0.727               | 64        | 47          | 0.734               | 4686     | 2416        | 0.516               |
| 13  | 3687    | 5447   | 160193 | <a href="#">Moises Palaci</a>                            |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                           | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Infectologia   Tuberculose   | 33      | 23          | 0.697               | 66        | 38          | 0.576               | 4658     | 1360        | 0.292               |
| 272   | 3688    | 5450   | 160225 | <a href="#">Ana Luiza Bustamante Smolka</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Education / Education</a><br>Educação   Psicologia do Desenvolvimento   Estudos da Linguagem   | 33      | 18          | 0.545               | 61        | 26          | 0.426               | 4644     | 1236        | 0.266               |
| 59  | 3689    | 5454   | 160294 | <a href="#">Fragoso Jmv</a>                              |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   | 33      | 24          | 0.727               | 47        | 37          | 0.787               | 4623     | 1403        | 0.303               |
| 60  | 3690    | 5455   | 160309 | <a href="#">Helena Shimizu</a>                           |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">SaúColetivBrasilia</a><br>Saúde Coletiva   Saúde Publica   Gestão em Saúde   Avaliação em Saúde  | 33      | 24          | 0.727               | 81        | 58          | 0.716               | 4616     | 2340        | 0.507               |
| 34  | 3691    | 5458   | 160390 | <a href="#">Francisco De Assis Tenorio De Carvalho</a>   |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Clustering   Machine Learning   Symbolic Data Analysis  | 33      | 22          | 0.667               | 81        | 36          | 0.444               | 4582     | 1547        | 0.338               |
| 18  | 3692    | 5459   | 160418 | <a href="#">Wanderli Pedro Tadei</a>                     |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>                      | <a href="#">Pesquisador Titular III. Instituto Nacional de Pesquisas da Amazônia - INPA</a><br>Malária e Dengue   Bioecologia de Anofelinos e de Aedes aegypti   Controle Químico e Biológico   Nanocompósitos e Biotecnologia | 33      | 22          | 0.667               | 101       | 55          | 0.545               | 4572     | 1807        | 0.395               |
| 10  | 3693    | 5460   | 160430 | <a href="#">Ivan S. Oliveira</a>                         |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>                  | <a href="#">Natural Sciences / Physics</a><br>NMR   Magnetism   Quantum Information   Porous Media   | 33      | 21          | 0.636               | 73        | 34          | 0.466               | 4568     | 1963        | 0.430               |
| 11  | 3694    | 5461   | 160444 | <a href="#">Sheila Câmara</a>                            |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia   | 33      | 25          | 0.758               | 78        | 57          | 0.731               | 4564     | 2218        | 0.486               |

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| 68  | 3695    | 5462   | 160447 | <a href="#">Airton Kunz</a>                      |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">Agriculture &amp; Forestry / Animal Science</a><br>animal waste management   nutrient removal   biogas  | 33      | 23          | 0.697               | 88        | 57          | 0.648               | 4563     | 2051        | 0.449               |
| 53  | 3696    | 5465   | 160551 | <a href="#">Jeferson Dieckow</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                | <a href="#">Engineering &amp; Technology / Engineering</a><br>Manejo do solo   Sequestro de C   Matéria orgânica  | 33      | 26          | 0.788               | 68        | 54          | 0.794               | 4523     | 2166        | 0.479               |
| 89  | 3697    | 5467   | 160605 | <a href="#">Rossana Pacheco Da Costa Proença</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition in Food Service   Catering   Food Labelling   Food Choice   Culinary   | 33      | 24          | 0.727               | 87        | 63          | 0.724               | 4505     | 2129        | 0.473               |
| 37  | 3698    | 5468   | 160607 | <a href="#">Marcos Antonio Fernandez</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecotoxicologia Marinha   Geoquímica Marinha   Oceanografia Química   | 33      | 18          | 0.545               | 112       | 49          | 0.438               | 4504     | 1528        | 0.339               |
| 45  | 3699    | 5470   | 160648 | <a href="#">Stela Maris De Mello Padoin</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>      | enfermagem   fenomenologia   HIV   violência contra mulher   revisão integrativa  | 33      | 23          | 0.697               | 130       | 65          | 0.500               | 4490     | 2425        | 0.540               |
| 91  | 3700    | 5471   | 160660 | <a href="#">Heimar F Marin</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | informática em saúde  | 33      | 19          | 0.576               | 95        | 37          | 0.389               | 4484     | 1497        | 0.334               |
| 90  | 3701    | 5473   | 160669 | <a href="#">Lucila Maria De Souza Campos</a>     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Circular Economy   Environmental Management   Environmental Management Systems (EMS)   Green Supply Chain Management (GSCM)   Enviro | 33      | 23          | 0.697               | 77        | 47          | 0.610               | 4482     | 3052        | 0.681               |
| 108   | 3702    | 5474   | 160671 | <a href="#">Roberto Lins</a>                     |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">Oswaldo Cruz Foundation</a><br>Protein Engineering  | 33      | 26          | 0.788               | 54        | 37          | 0.685               | 4482     | 1814        | 0.405               |
| 92  | 3703    | 5475   | 160722 | <a href="#">Orlando Barsottini</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia geral   ataxias   genética  | 33      | 26          | 0.788               | 119       | 78          | 0.655               | 4461     | 2815        | 0.631               |
| 2   | 3704    | 5476   | 160723 | <a href="#">Levy Carvalho Gomes</a>              |  <a href="#">Brazil</a> | <a href="#">Universidade Vila Velha UVV</a>                   | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquaculture   Ecotoxicology   Anesthesia   Aquicultura   Ecotoxicologia   | 33      | 23          | 0.697               | 77        | 52          | 0.675               | 4461     | 1847        | 0.414               |
| 64  | 3705    | 5477   | 160818 | <a href="#">Cleiton Augusto Libardi</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Carlos</a>            | <a href="#">SÃO Carlos UFSCar</a><br>Exercise   Skeletal Muscle   | 33      | 31          | 0.939               | 62        | 55          | 0.887               | 4425     | 3702        | 0.837               |
| 6   | 3706    | 5478   | 160850 | <a href="#">Ig Ibert Bittencourt</a>             |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Alagoas</a>               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence in Education   Intelligent Tutoring Systems   Positive Psychology   Tecnologia Educacional   | 33      | 27          | 0.818               | 98        | 69          | 0.704               | 4414     | 2892        | 0.655               |
| 9   | 3707    | 5480   | 160891 | <a href="#">Romualdo Rodrigues Menezes</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Campina Grande</a>        | Processing   Nanofibers   Biomaterials   Recycling of Wastes   Microwave Processing   | 33      | 22          | 0.667               | 96        | 67          | 0.698               | 4401     | 2136        | 0.485               |
| 1061  | 3708    | 5484   | 160964 | <a href="#">André Rolim Baby</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Universid SÃO Paulo</a>   | 33      | 28          | 0.848               | 100       | 75          | 0.750               | 4371     | 2918        | 0.668               |

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| 91  | 3709    | 5488   | 161063 | <a href="#">Humberto Jorge José</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                    | Thermochemical conversion   Biomass   Agroindustrial residues   Effluents   Removal of Pollutants  | 33      | 25          | 0.758               | 71        | 52          | 0.732               | 4341     | 1906        | 0.439               |
| 156   | 3710    | 5489   | 161070 | <a href="#">Philippe Navaux</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Architecture   High Performance Computing  | 33      | 20          | 0.606               | 123       | 58          | 0.472               | 4339     | 1875        | 0.432               |
| 16  | 3711    | 5490   | 161076 | <a href="#">Arlson Favareto</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>                              | <a href="#">Social Sciences / Sociology</a><br>Sociologia  | 33      | 24          | 0.727               | 70        | 47          | 0.671               | 4338     | 1899        | 0.438               |
| 6   | 3712    | 5493   | 161121 | <a href="#">Solon Jonas Longhi</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>               | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Florestal   Ecologia  | 33      | 19          | 0.576               | 104       | 56          | 0.538               | 4321     | 1550        | 0.359               |
| 4   | 3713    | 5494   | 161122 | <a href="#">Beatriz Rosana Gonçalves De Oliveira Toso</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>              | Saúde   Enfermagem   Enfermagem Pediátrica   Enfermagem Neonatal   Atenção Primária à Saúde  | 33      | 25          | 0.758               | 91        | 64          | 0.703               | 4321     | 2299        | 0.532               |
| 225   | 3714    | 5495   | 161148 | <a href="#">José Maurício Barbanti Duarte</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | Deer   Genetics   Reproduction   | 33      | 21          | 0.636               | 127       | 75          | 0.591               | 4313     | 2063        | 0.478               |
| 4   | 3715    | 5496   | 161179 | <a href="#">Alexandre Christóforo Silva</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">oloValesJequitinhonhaeMucuri</a><br>Gênese e Classificação do Solo   Matéria Orgânica do Solo   Turfeiras   Mudanças Ambientais  | 33      | 21          | 0.636               | 87        | 47          | 0.540               | 4303     | 2480        | 0.576               |
| 1   | 3716    | 5497   | 161199 | <a href="#">Emerson Mainardes</a>                         |  <a href="#">Brazil</a> | <a href="#">FUCAPE Business School</a>   | <a href="#">Business &amp; Management / Business Administration</a><br>Marketing   | 33      | 27          | 0.818               | 87        | 69          | 0.793               | 4295     | 2987        | 0.695               |
| 1062  | 3717    | 5498   | 161200 | <a href="#">Rosemary Aparecida De Carvalho</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                  |  | 33      | 28          | 0.848               | 63        | 51          | 0.810               | 4295     | 2180        | 0.508               |
| 54  | 3718    | 5500   | 161212 | <a href="#">Julio Cesar De Carvalho</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Paraná</a>                                 | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>FD&C bioadditives   Bioprocess modeling   microalgal biotechnology   bio-based chemicals   engineering education | 33      | 29          | 0.879               | 81        | 74          | 0.914               | 4292     | 2838        | 0.661               |
| 61  | 3719    | 5502   | 161222 | <a href="#">Christopher Fagg</a>                          |  <a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                                   | <a href="#">UniversidBrasília</a>  | 33      | 23          | 0.697               | 76        | 50          | 0.658               | 4290     | 1732        | 0.404               |
| 150   | 3720    | 5503   | 161230 | <a href="#">Cristiano Piacsek Borges</a>                  |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                         |  | 33      | 22          | 0.667               | 81        | 43          | 0.531               | 4288     | 1732        | 0.404               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 65  | 3721    | 5507   | 161271 | <a href="#">Emerson Rodrigues De Camargo</a>      |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry  | 33      | 23          | 0.697               | 76        | 53          | 0.697               | 4277     | 2060        | 0.482               |
| 109   | 3722    | 5508   | 161279 | <a href="#">Flávio Guimarães Da Fonseca</a>       |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   virologia   imunologia   | 33      | 18          | 0.545               | 96        | 45          | 0.469               | 4274     | 1400        | 0.328               |
| 151   | 3723    | 5509   | 161294 | <a href="#">Ana Regina Cavalcanti Da Rocha</a>    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Software Quality   | 33      | 10          | 0.303               | 110       | 15          | 0.136               | 4270     | 537         | 0.126               |
| 1063  | 3724    | 5510   | 161301 | <a href="#">Frank Nelson Crespilho</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Electrochemistry   Eletroquímica   Bioelectrochemistry   Bioeletroquímica  | 33      | 24          | 0.727               | 86        | 61          | 0.709               | 4268     | 1835        | 0.430               |
| 226   | 3725    | 5511   | 161308 | <a href="#">Marta Lígia Pomim Valentim</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Ciência da InformaÃ§Ã£o GestÃ£o da InformaÃ§Ã£o GestÃ£o do Conhecimento Biblioteconomia Arquivologia.</a><br>Ciência da Informação   Gestão da Informação   Gestão do Conhecimento   Biblioteconomia   Arquivologia. | 33      | 23          | 0.697               | 77        | 52          | 0.675               | 4266     | 1870        | 0.438               |
| 93  | 3726    | 5512   | 161311 | <a href="#">Flavio Aimbire Soares De Carvalho</a> |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Farmacologia   Imunologia   e Terapias antiinflamatórias   | 33      | 24          | 0.727               | 56        | 47          | 0.839               | 4266     | 1639        | 0.384               |
| 62  | 3727    | 5513   | 161312 | <a href="#">Ludmilla MS Aguiar</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a><br>chiroptera   conservation   | 33      | 23          | 0.697               | 71        | 45          | 0.634               | 4265     | 2340        | 0.549               |
| 273   | 3728    | 5514   | 161317 | <a href="#">Athanas Billis</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>Uropatologia   Nefropatologia   | 33      | 21          | 0.636               | 80        | 39          | 0.488               | 4261     | 1383        | 0.325               |
| 227   | 3729    | 5516   | 161327 | <a href="#">Marilda Silva</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">LEtrasâ€</a> ;<br>Pierre Bourdieu   habitus professoral   capital cultural   violência escolar   violência em meio escolar   | 33      | 22          | 0.667               | 106       | 50          | 0.472               | 4257     | 1754        | 0.412               |
| 228   | 3730    | 5519   | 161345 | <a href="#">Márcio Garcia Ribeiro</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">EnfermidadesInfecciosasAnimaisFMVZ/Botucatuâ€</a> ;<br>Doenças Infecciosas dos Animais   | 33      | 22          | 0.667               | 116       | 65          | 0.560               | 4251     | 1871        | 0.440               |
| 31  | 3731    | 5520   | 161375 | <a href="#">Gerson Nakazato</a>                   |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   | 33      | 28          | 0.848               | 59        | 51          | 0.864               | 4246     | 3291        | 0.775               |
| 274   | 3732    | 5522   | 161407 | <a href="#">Gabriel Anhô</a>                      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Endocrinologia   cronobiologia   metabolismo   | 33      | 22          | 0.667               | 58        | 45          | 0.776               | 4235     | 1924        | 0.454               |

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|---|---------|--------|--------|--|---|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 3733    | 5523   | 161459 | <a href="#">Maria Do Carmo Vieira</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>         | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Fitotecnia   | 33      | 24          | 0.727               | 130       | 56          | 0.431               | 4221     | 2215        | 0.525               |
| 10  | 3734    | 5524   | 161468 | <a href="#">Leslie Piccolotto Ferreira</a>   | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">da Pontificia UniversidCatólica SÃo Paulo</a><br>Fonoaudiologia  | 33      | 16          | 0.485               | 110       | 42          | 0.382               | 4219     | 1526        | 0.362               |
| 1064  | 3735    | 5526   | 161515 | <a href="#">Erich Talamoni Fonoff</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Functional Neurosurgery   Mov Disorders   Pain   Parkinson's Disease   Neurosychiatric Disease       | 33      | 28          | 0.848               | 96        | 79          | 0.823               | 4205     | 2677        | 0.637               |
| 66  | 3736    | 5528   | 161532 | <a href="#">Roseli Ferreira Da Silva</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                   | <a href="#">Education / Education</a><br>educação dos profissionais de saúde   formação em saúde   currículo   metodologias ativas de aprendizagem   saúde publica | 33      | 22          | 0.667               | 97        | 52          | 0.536               | 4200     | 1817        | 0.433               |
| 275   | 3737    | 5529   | 161552 | <a href="#">Martin Tygel</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geophysics   applied mathematics   seismics   | 33      | 15          | 0.455               | 80        | 23          | 0.288               | 4194     | 761         | 0.181               |
| 157   | 3738    | 5530   | 161555 | <a href="#">Fernanda Ostermann</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">RioGrandeSul</a><br>ensino de Física   | 33      | 22          | 0.667               | 85        | 61          | 0.718               | 4193     | 1957        | 0.467               |
| 8   | 3739    | 5531   | 161568 | <a href="#">Marcos Marques Da Silva Paula</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>        | <a href="#">UFSC</a>   | 33      | 22          | 0.667               | 82        | 49          | 0.598               | 4188     | 1585        | 0.378               |
| 69  | 3740    | 5532   | 161571 | <a href="#">Liv Soares Severino</a>  | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>          | <a href="#">Embrapa Algodão</a><br>castor   plant physiology   crop physiology   | 33      | 18          | 0.545               | 79        | 33          | 0.418               | 4187     | 1135        | 0.271               |
| 1065  | 3741    | 5534   | 161613 | <a href="#">Ivan Aprahamian</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Geriatrics   Geriatric Psychiatry  | 33      | 30          | 0.909               | 69        | 63          | 0.913               | 4177     | 3395        | 0.813               |
| 1066  | 3742    | 5537   | 161661 | <a href="#">Ana Luiza Vilela Borges</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                        | Saúde Sexual e Reprodutiva   Contracepção   Planejamento da Gravidez   Anticoncepção Pós-Coital  | 33      | 24          | 0.727               | 80        | 52          | 0.650               | 4166     | 2161        | 0.519               |
| 276   | 3743    | 5538   | 161691 | <a href="#">Marcus Am De Aguiar</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Natural Sciences / Physics</a><br>Physics   Biology  | 33      | 19          | 0.576               | 96        | 38          | 0.396               | 4157     | 1418        | 0.341               |
| 4   | 3744    | 5539   | 161701 | <a href="#">Gisely Cardoso De Melo</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade do Estado do Amazonas UEA</a>               | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   malaria   biologia molecular   farmacogenetica   disgnostico laboratorial            | 33      | 27          | 0.818               | 58        | 53          | 0.914               | 4154     | 3534        | 0.851               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 277   | 3745    | 5540   | 161708 | <a href="#">Charlotte Galves</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Social Sciences / Linguistics and Literature</a><br>Linguística.  | 33      | 18          | 0.545               | 88        | 38          | 0.432               | 4150     | 1174        | 0.283               |
| 2   | 3746    | 5541   | 161736 | <a href="#">Aloisio Araujo</a>                         |  <a href="#">Brazil</a>   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">FGV/EPGE ; IMPA</a><br>economics  | 33      | 13          | 0.394               | 65        | 20          | 0.308               | 4144     | 727         | 0.175               |
| 55  | 3747    | 5542   | 161759 | <a href="#">Sueli De Oliveira Silva Lautenschlager</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Maringá</a>   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Oxidative Stress   Natural Products   | 33      | 20          | 0.606               | 80        | 52          | 0.650               | 4136     | 1322        | 0.320               |
| 1067  | 3748    | 5543   | 161779 | <a href="#">Ricardo Pinto Da Rocha</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Sistemática e evolução de Arachnida  | 33      | 21          | 0.636               | 110       | 56          | 0.509               | 4131     | 1623        | 0.393               |
| 158   | 3749    | 5544   | 161804 | <a href="#">Griselda Barrera Galland</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de polímeros  | 33      | 17          | 0.515               | 80        | 30          | 0.375               | 4127     | 1139        | 0.276               |
| 32  | 3750    | 5545   | 161842 | <a href="#">Leandro Simões Azeredo Gonçalves</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Londrina</a>  | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Melhoramento de Plantas   Genética e Biologia Molecular de Plantas                        | 33      | 24          | 0.727               | 115       | 82          | 0.713               | 4115     | 2412        | 0.586               |
| 1068  | 3751    | 5549   | 161869 | <a href="#">Jorge Luiz Mello Sampaio</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Microbiologia Clínica   Resistência Antimicrobiana              | 33      | 19          | 0.576               | 71        | 41          | 0.577               | 4107     | 1210        | 0.295               |
| 1069  | 3752    | 5550   | 161876 | <a href="#">Selma Lancman</a>                          |  <a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Terapi Ocupacional</a><br>Terapia Ocupacional   Saúde do Trabalhador   Saúde Mental e Psicodinâmica do Trabalho   Reabilitação Profissional | 33      | 22          | 0.667               | 64        | 45          | 0.703               | 4104     | 1813        | 0.442               |
| 1070  | 3753    | 5551   | 161907 | <a href="#">Marcio Eduardo Delamaro</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Testing   | 33      | 18          | 0.545               | 73        | 28          | 0.384               | 4094     | 1188        | 0.290               |
| 278   | 3754    | 5552   | 161922 | <a href="#">Marcia Miguel Castro Ferreira</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Natural Sciences / Chemical Sciences</a>  | 33      | 20          | 0.606               | 64        | 33          | 0.516               | 4090     | 1828        | 0.447               |
| 1071  | 3755    | 5555   | 161960 | <a href="#">Nadya Araujo Guimaraes</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Social Sciences / Sociology</a><br>Trabalho   desigualdades   identidades   gênero   cuidado  | 33      | 16          | 0.485               | 89        | 33          | 0.371               | 4078     | 1157        | 0.284               |
| 159   | 3756    | 5556   | 161974 | <a href="#">Alexandre José Macedo</a>                  |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Microbiologia   Materiais   Produtos naturais                   | 33      | 25          | 0.758               | 90        | 77          | 0.856               | 4074     | 2797        | 0.687               |

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|---|---------|--------|--------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name                                      | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 23  | 3757    | 5560   | 162015 | <a href="#">Iris Do Céu Clara Costa</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Saúde Coletiva   Envelhecimento   Avaliação  | 33      | 20          | 0.606               | 81        | 43          | 0.531               | 4062     | 1357        | 0.334               |
| 180   | 3758    | 5561   | 162054 | <a href="#">Gregory T Kitten</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>extracellular matrix   biomaterials  | 33      | 16          | 0.485               | 44        | 28          | 0.636               | 4052     | 835         | 0.206               |
| 279   | 3759    | 5562   | 162068 | <a href="#">Luiz Carlos Dias</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry   Total Synthesis   Medicinal Chemistry   Natural Products   Neglected Diseases | 33      | 15          | 0.455               | 93        | 27          | 0.290               | 4048     | 878         | 0.217               |
| 31  | 3760    | 5563   | 162082 | <a href="#">Patty Fidelis De Almeida</a>  |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | Atenção Primária à Saúde  | 33      | 30          | 0.909               | 63        | 55          | 0.873               | 4045     | 2671        | 0.660               |
| 1072  | 3761    | 5564   | 162089 | <a href="#">Mário José De Oliveira</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Statistical Physics   Statistical Mechanics   Stochastic Thermodynamics                                     | 33      | 16          | 0.485               | 79        | 28          | 0.354               | 4043     | 1302        | 0.322               |
| 160   | 3762    | 5566   | 162100 | <a href="#">Ana Cristina Garcia Dias</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Psychology</a><br>Psicologia  | 33      | 27          | 0.818               | 84        | 54          | 0.643               | 4041     | 2358        | 0.584               |
| 181   | 3763    | 5567   | 162107 | <a href="#">Kênia Lara</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">em</a><br>Enfermagem  | 33      | 25          | 0.758               | 89        | 61          | 0.685               | 4039     | 2181        | 0.540               |
| 94  | 3764    | 5568   | 162132 | <a href="#">Mirian Boim</a>               |  Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Fisiopatologia renal  | 33      | 19          | 0.576               | 62        | 33          | 0.532               | 4034     | 984         | 0.244               |
| 1073  | 3765    | 5570   | 162173 | <a href="#">Julio Cesar De C Balieiro</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Genética e Melhoramento Animal   Estatística Experimental                            | 33      | 24          | 0.727               | 98        | 59          | 0.602               | 4025     | 2337        | 0.581               |
| 6   | 3766    | 5571   | 162178 | <a href="#">Eny Maria Goloni Bertollo</a> |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana e Médica   Câncer   Biologia Molecular   Biomarcadores Moleculares | 33      | 18          | 0.545               | 102       | 43          | 0.422               | 4023     | 1505        | 0.374               |
| 1074  | 3767    | 5573   | 162258 | <a href="#">Marcia Ca Fantini</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Crystallography   | 33      | 18          | 0.545               | 102       | 37          | 0.363               | 4004     | 1154        | 0.288               |
| 1075  | 3768    | 5575   | 162276 | <a href="#">Courteille</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>light-matter interaction   quantum gases  | 33      | 17          | 0.515               | 60        | 38          | 0.633               | 4000     | 967         | 0.242               |
| 229   | 3769    | 5576   | 162284 | <a href="#">Ismael Freitas</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">CampusPresidentePrudente</a> !<br>Atividade física e saúde   Composição Corporal   Obesidade   criança e adolescente   menopausa              | 33      | 22          | 0.667               | 94        | 56          | 0.596               | 3998     | 1839        | 0.460               |

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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14  | 3770    | 5578   | 162293 | <a href="#">Mário Sarcinelli Filho</a>                 |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                         | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robótica móvel   Veículos aéreos não tripulados   Controle de formações de robôs móveis   Sistemas multirrobôs           | 33      | 24          | 0.727               | 98        | 54          | 0.551               | 3996     | 2018        | 0.505               |
| 1076  | 3771    | 5579   | 162336 | <a href="#">Maria Do Carmo Bittencourt De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | Ecosistemas aquáticos   evolução   algas   cianobactérias   cyanobacteria  | 33      | 21          | 0.636               | 87        | 44          | 0.506               | 3984     | 1834        | 0.460               |
| 1076  | 3771    | 5579   | 162336 | <a href="#">Maria Do Carmo Bittencourt De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | Ecosistemas aquáticos   evolução   algas   cianobactérias   cyanobacteria  | 33      | 21          | 0.636               | 87        | 44          | 0.506               | 3984     | 1834        | 0.460               |
| 5   | 3773    | 5582   | 162442 | <a href="#">Marcio Cesar Pereira</a>                   |  Brazil   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Photoelectrochemistry   materials science   electrocatalysis   PEC cells   water splitting   | 33      | 24          | 0.727               | 68        | 58          | 0.853               | 3957     | 2178        | 0.550               |
| 23  | 3774    | 5583   | 162471 | <a href="#">Anand Subramanian</a>                      |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                           | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Operations Research   Combinatorial Optimization   Metaheuristics   Integer Programming   Vehicle Routing and Scheduling | 33      | 26          | 0.788               | 51        | 46          | 0.902               | 3949     | 2565        | 0.650               |
| 7   | 3775    | 5584   | 162473 | <a href="#">Maria Teresa Botti R Santos</a>            |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                                   | <a href="#">StrictoSensuOdontologiUNICSUL</a><br>paralisia cerebral   saliva   | 33      | 25          | 0.758               | 89        | 71          | 0.798               | 3948     | 1980        | 0.502               |
| 46  | 3776    | 5585   | 162476 | <a href="#">Mauro Valdir Schumacher</a>                |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                       | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Forest Nutrition   Forest Ecology   Silviculture  | 33      | 17          | 0.515               | 119       | 41          | 0.345               | 3947     | 1324        | 0.335               |
| 1078  | 3777    | 5586   | 162490 | <a href="#">Thais Marchini De Oliveira</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Endodontia   Terapia pulpar   Fissura de Lábio e Palato   | 33      | 26          | 0.788               | 93        | 74          | 0.796               | 3943     | 2448        | 0.621               |
| 15  | 3778    | 5587   | 162494 | <a href="#">Miguel Cendoroglo</a>                      |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                             | <a href="#">Hospital Israelita Albert Einstein</a><br>nefrologia   terapia intensiva   gestão   qualidade   economia da saúde  | 33      | 18          | 0.545               | 76        | 33          | 0.434               | 3942     | 1012        | 0.257               |
| 67  | 3779    | 5588   | 162504 | <a href="#">Susana Trivinho Strixino</a>               |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                             | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia aquática   Entomologia aquática   Taxonomia de Diptera   | 33      | 17          | 0.515               | 114       | 39          | 0.342               | 3939     | 1205        | 0.306               |
| 92  | 3780    | 5589   | 162506 | <a href="#">José Luís Guedes Dos Santos</a>            |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                    | Gestão e Gerenciamento em Enfermagem e Saúde   Serviços Médicos de Emergência   Governança em Enfermagem e Saúde   | 33      | 27          | 0.818               | 78        | 61          | 0.782               | 3939     | 2636        | 0.669               |
| 70  | 3781    | 5590   | 162514 | <a href="#">Renato Andreotti</a>                       |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                    | <a href="#">Embrapa gado de corte</a><br>Carrapatos   Biologia molecular   Parasitologia   Doenças transmitidas por vetores  | 33      | 20          | 0.606               | 95        | 61          | 0.642               | 3936     | 2059        | 0.523               |
| 230   | 3782    | 5592   | 162537 | <a href="#">Jose Reinaldo Cerqueira Braz</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>óxido nítrico  | 33      | 21          | 0.636               | 92        | 48          | 0.522               | 3932     | 1487        | 0.378               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 3783    | 5593   | 162545 | <a href="#">Gislaine Tezza Rezin</a>               |  Brazil   | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>                | <a href="#">SaúdeSulSanta</a><br>Obesidade   Disfunção mitocondrial   | 33      | 21          | 0.636               | 80        | 50          | 0.625               | 3930     | 1893        | 0.482               |
| 1079  | 3784    | 5594   | 162568 | <a href="#">Marcio Mateus Beloti</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Bone (Cell Signalling and Regenerative Medicine)                                       | 33      | 23          | 0.697               | 81        | 53          | 0.654               | 3924     | 1513        | 0.386               |
| 152   | 3785    | 5595   | 162601 | <a href="#">Belita Koiller</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Physics</a>  | 33      | 15          | 0.455               | 79        | 24          | 0.304               | 3918     | 786         | 0.201               |
| 1080  | 3786    | 5596   | 162608 | <a href="#">Jose Otavio Brito</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">universidasao paulo</a>   | 33      | 20          | 0.606               | 80        | 42          | 0.525               | 3915     | 1440        | 0.368               |
| 280   | 3787    | 5597   | 162624 | <a href="#">Pacagnella RC</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">CampinasUNICAMP</a><br>Maternal Health   Sexual Health  | 33      | 28          | 0.848               | 74        | 68          | 0.919               | 3911     | 2607        | 0.667               |
| 1081  | 3788    | 5599   | 162661 | <a href="#">Paulo Olivi</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletroquímica   | 33      | 18          | 0.545               | 44        | 26          | 0.591               | 3903     | 990         | 0.254               |
| 1082  | 3789    | 5600   | 162675 | <a href="#">Maria Das Graças Carvalho Ferriani</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Ribeirão Preto</a><br>Saúde da Criança e do Adolescente   Violência doméstica e escolar   Enfermagem de Saúde Pública e da Família    | 33      | 19          | 0.576               | 100       | 39          | 0.390               | 3898     | 1267        | 0.325               |
| 3   | 3790    | 5601   | 162693 | <a href="#">Alex Alan Furtado De Almeida</a>       |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia do Estresse   Fisiologia Molecular   Fisiologia de Plantas Lenhosas        | 33      | 25          | 0.758               | 80        | 60          | 0.750               | 3894     | 1986        | 0.510               |
| 7   | 3791    | 5603   | 162711 | <a href="#">Mario Roberto Meneghetti</a>           |  Brazil  | <a href="#">Universidade Federal de Alagoas</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 33      | 23          | 0.697               | 73        | 52          | 0.712               | 3890     | 1623        | 0.417               |
| 4   | 3792    | 5604   | 162739 | <a href="#">Denise Crispim Tavares</a>             |  Brazil | <a href="#">Universidade de Franca UNIFRAN</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   | 33      | 25          | 0.758               | 108       | 87          | 0.806               | 3882     | 2361        | 0.608               |
| 33  | 3793    | 5605   | 162747 | <a href="#">Júlio César Bicca Marques</a>          |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Primatology   Biological Anthropology   Ecology   Animal Behavior   Conservation Science | 33      | 21          | 0.636               | 94        | 49          | 0.521               | 3879     | 1676        | 0.432               |
| 1083  | 3794    | 5606   | 162752 | <a href="#">Francisco Jose Candido Dos Reis</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Medicina   | 33      | 24          | 0.727               | 84        | 52          | 0.619               | 3877     | 2169        | 0.559               |
| 95  | 3795    | 5607   | 162776 | <a href="#">Claudio Arnaldo Len</a>                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   Reumatologia Pediátrica                                  | 33      | 21          | 0.636               | 89        | 51          | 0.573               | 3871     | 1777        | 0.459               |



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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 3796    | 5608   | 162791 | <a href="#">Flavio Bortolozzi</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Centro Universitário de Maringá CESUMAR</a>         | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Pattern Recognition   Digital Image Processing   Document Analysis   Knowledge Management   Health Promotion | 33      | 14          | 0.424               | 66        | 24          | 0.364               | 3868     | 706         | 0.183               |
| 68  | 3797    | 5609   | 162795 | <a href="#">José Freire</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">EméritoSÃO Carlos</a><br>Fenômenos de Transporte e Sistemas Particulados  | 33      | 20          | 0.606               | 114       | 61          | 0.535               | 3867     | 1653        | 0.427               |
| 1084  | 3798    | 5611   | 162811 | <a href="#">Mauro Toledo Marrelli</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSÃO Paulo</a><br>vector ecology   population genetics   biodiversity of mosquitoes   mosquito microevolution   | 33      | 22          | 0.667               | 75        | 59          | 0.787               | 3862     | 1822        | 0.472               |
| 1085  | 3799    | 5613   | 162814 | <a href="#">Hiro Goto</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MediciEMedicinTropical</a><br>Doenças tropicais   Imunopatogenia   Leishmanioses  | 33      | 18          | 0.545               | 64        | 35          | 0.547               | 3862     | 1403        | 0.363               |
| 63  | 3800    | 5614   | 162815 | <a href="#">Marcelo Henrique Sousa</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotechnology   nanobiotechnology   magnetic nanomaterials   nanosorbents                     | 33      | 23          | 0.697               | 61        | 48          | 0.787               | 3862     | 1750        | 0.453               |
| 1086  | 3801    | 5616   | 162821 | <a href="#">Manoel S D Agrella Filho</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geofísica  | 33      | 19          | 0.576               | 51        | 36          | 0.706               | 3861     | 1249        | 0.323               |
| 161   | 3802    | 5617   | 162824 | <a href="#">Angelo Piato</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neurofarmacologia   | 33      | 28          | 0.848               | 68        | 61          | 0.897               | 3860     | 2465        | 0.639               |
| 71  | 3803    | 5618   | 162873 | <a href="#">Walfrido Moraes Tomas</a>  | <br><a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   conservação   | 33      | 23          | 0.697               | 90        | 57          | 0.633               | 3849     | 1966        | 0.511               |
| 4   | 3804    | 5620   | 162894 | <a href="#">José Carlos Bressiani</a>  | <br><a href="#">Brazil</a>  | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>  | <a href="#">INSTITUTO DE PESQUISAS ENERGÉTICAS E NUCLEARES - IPEN</a><br>ciência dos materiais   cerâmica   compósitos   biomateriais   | 33      | 19          | 0.576               | 70        | 36          | 0.514               | 3843     | 1206        | 0.314               |
| 1087  | 3805    | 5621   | 162929 | <a href="#">Marina Ferreira Rea</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Breastfeeding   Infant Feeding   Public Health   | 33      | 12          | 0.364               | 52        | 18          | 0.346               | 3835     | 561         | 0.146               |
| 72  | 3806    | 5622   | 162969 | <a href="#">Ana Carolina De Souza Chagas</a>   | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Parasitologia Veterinária  | 33      | 25          | 0.758               | 85        | 61          | 0.718               | 3824     | 2056        | 0.538               |
| 1088  | 3807    | 5623   | 162979 | <a href="#">Delalibera</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSÃO Paulo</a><br>Microbial control   | 33      | 26          | 0.788               | 82        | 56          | 0.683               | 3821     | 1949        | 0.510               |
| 1089  | 3808    | 5624   | 162980 | <a href="#">Arnaldo Pinzan</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia   Ortopedia Facial  | 33      | 19          | 0.576               | 79        | 37          | 0.468               | 3821     | 1214        | 0.318               |
| 93  | 3809    | 5625   | 162997 | <a href="#">Roberto Moraes Cruz</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Social Sciences / Psychology</a><br>Work and Health Psychology   Assessment and Diagnosis of Health Conditions  | 33      | 21          | 0.636               | 80        | 44          | 0.550               | 3816     | 1722        | 0.451               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1090  | 3810    | 5626   | 163014 | <a href="#">Silvana Lima Górnjak</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>pharmacology   toxicology   pathology   | 33      | 16          | 0.485               | 88        | 27          | 0.307               | 3811     | 1215        | 0.319               |
| 6   | 3811    | 5630   | 163127 | <a href="#">Celso Amorim Camara</a>               |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>organic chemistry   natural products   heterocyclic chemistry   pharmacology  | 33      | 21          | 0.636               | 72        | 53          | 0.736               | 3781     | 1760        | 0.465               |
| 36  | 3812    | 5631   | 163136 | <a href="#">Miguel Iglesias</a>                   |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Termodinâmica  | 33      | 18          | 0.545               | 90        | 31          | 0.344               | 3779     | 1089        | 0.288               |
| 1091  | 3813    | 5632   | 163157 | <a href="#">Thiago Moreira</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   |   | 33      | 25          | 0.758               | 87        | 67          | 0.770               | 3775     | 1926        | 0.510               |
| 69  | 3814    | 5633   | 163167 | <a href="#">Iran Malavazi</a>                     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Dr.SÃ£oCarlos</a><br>micologia molecular  | 33      | 24          | 0.727               | 67        | 47          | 0.701               | 3772     | 2066        | 0.548               |
| 281   | 3815    | 5635   | 163179 | <a href="#">Roberto Rodrigues Paes</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Education / Education</a><br>Pedagogia do Esporte   Esporte Educacional   Iniciação esportiva   Educação Física Escolar   Inteligências Múltiplas                       | 33      | 26          | 0.788               | 77        | 58          | 0.753               | 3768     | 1942        | 0.515               |
| 282   | 3816    | 5636   | 163186 | <a href="#">Nelson Filice De Barros</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Unicamp</a>   | 33      | 24          | 0.727               | 92        | 62          | 0.674               | 3765     | 2182        | 0.580               |
| 9   | 3817    | 5637   | 163187 | <a href="#">Cesar Arrais</a>                      |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística Restauradora  | 33      | 22          | 0.667               | 62        | 48          | 0.774               | 3765     | 1617        | 0.429               |
| 162   | 3818    | 5638   | 163188 | <a href="#">Paulo Ivo Homem De Bittencourt Jr</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology  | 33      | 25          | 0.758               | 58        | 41          | 0.707               | 3765     | 2149        | 0.571               |
| 1092  | 3819    | 5639   | 163193 | <a href="#">Marcello Cocuzza</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">HospitaldasClinicas</a><br>infertilidade   reprodução humana   varicocele   analise seminal   | 33      | 21          | 0.636               | 49        | 39          | 0.796               | 3763     | 1736        | 0.461               |
| 1093  | 3820    | 5640   | 163197 | <a href="#">Eder Quintao</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology and Metabolism   Lipids and Lipoprotein Metabolism                                      | 33      | 15          | 0.455               | 81        | 27          | 0.333               | 3761     | 1019        | 0.271               |
| 1094  | 3821    | 5641   | 163207 | <a href="#">Tomaz Catunda</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Physics   Spectroscopy   Lasers   Nonlinear Optics and Optics   | 33      | 15          | 0.455               | 94        | 26          | 0.277               | 3758     | 943         | 0.251               |
| 1095  | 3822    | 5642   | 163214 | <a href="#">Newton Bretas</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Smart Grids   Non Linear Control Transient Stability by Direct Methods   State Estimation | 33      | 21          | 0.636               | 91        | 36          | 0.396               | 3757     | 1215        | 0.323               |
| 1096  | 3823    | 5643   | 163226 | <a href="#">Thiago AS Pardo</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSÃ£o Paulo</a><br>Processamento de Linguagem Natural   Linguística Computacional   | 33      | 18          | 0.545               | 89        | 33          | 0.371               | 3755     | 1402        | 0.373               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 33  | 3824    | 5645   | 163231 | <a href="#">Galdino Andrade</a>                    |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                                | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   | 33      | 22          | 0.667               | 58        | 43          | 0.741               | 3755     | 1532        | 0.408               |
| 231   | 3825    | 5646   | 163235 | <a href="#">Idelmo Rangel Garcia Junior</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cirurgia e Traumatologia Buco-Maxilo-Facial e Implantodontia  | 33      | 24          | 0.727               | 103       | 63          | 0.612               | 3753     | 1918        | 0.511               |
| 12  | 3826    | 5647   | 163240 | <a href="#">Pedro Dal Lago</a>                     |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Reabilitação Cardiopulmonar   Fisiologia Cardiovascular   Fisiologia Respiratória   | 33      | 22          | 0.667               | 72        | 56          | 0.778               | 3752     | 1848        | 0.493               |
| 1097  | 3827    | 5648   | 163271 | <a href="#">Hudson Wallace Pereira De Carvalho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">CEN</a><br>XAS   XANES   EXAFS   XRF   Nanomaterials in agriculture and environment  | 33      | 28          | 0.848               | 82        | 73          | 0.890               | 3744     | 2636        | 0.704               |
| 96  | 3828    | 5649   | 163302 | <a href="#">Luciano Caseli</a>                     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Physical Chemistry   | 33      | 21          | 0.636               | 95        | 59          | 0.621               | 3737     | 1700        | 0.455               |
| 153   | 3829    | 5655   | 163369 | <a href="#">André Fp Lucena</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                           |  | 33      | 28          | 0.848               | 61        | 57          | 0.934               | 3724     | 2618        | 0.703               |
| 1098  | 3830    | 5657   | 163384 | <a href="#">Marcos Felipe Silva De Sá</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Gynecology and Obstetrics   | 33      | 18          | 0.545               | 86        | 45          | 0.523               | 3720     | 1286        | 0.346               |
| 2   | 3831    | 5658   | 163390 | <a href="#">Auro Atsushi Tanaka</a>                |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                                 | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Electrochemistry   Electroanalytical Chemistry   Sensor   Fuel Cell   | 33      | 17          | 0.515               | 85        | 35          | 0.412               | 3719     | 1078        | 0.290               |
| 25  | 3832    | 5659   | 163391 | <a href="#">Marco Aurélio Carbone Carneiro</a>     |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                              | Microbiologia e Bioquímica de Solo   | 33      | 22          | 0.667               | 74        | 52          | 0.703               | 3719     | 1575        | 0.424               |
| 75  | 3833    | 5660   | 163393 | <a href="#">Pedro FC De Bruin</a>                  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                                    | Medicina do sono   pneumologia   | 33      | 25          | 0.758               | 55        | 51          | 0.927               | 3719     | 1761        | 0.474               |
| 9   | 3834    | 5661   | 163397 | <a href="#">Paulo Cesar Lock Silveira</a>          |  Brazil | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>                    | <a href="#">Ciências da Saúde</a><br>Ciências da Saúde   | 33      | 25          | 0.758               | 70        | 64          | 0.914               | 3718     | 2081        | 0.560               |
| 1   | 3835    | 5662   | 163398 | <a href="#">Tadeu Gomes de Oliveira</a>            |  Brazil | <a href="#">Universidade Estadual do Maranhão</a>                                | <a href="#">Natural Sciences / Biological Science</a><br>Carnivore Ecology   Conservation Biology   Endangered Species   Neotropical Mammals   Species Interactions                          | 33      | 24          | 0.727               | 69        | 49          | 0.710               | 3718     | 1639        | 0.441               |
| 1099  | 3836    | 5664   | 163412 | <a href="#">Sandra Maria Aluísio</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Processamento de Língua Natural (PLN)   Adaptação Textual   Construção de Recursos Linguísticos e Computacionais para PLN | 33      | 20          | 0.606               | 85        | 38          | 0.447               | 3714     | 1664        | 0.448               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 3837    | 5666   | 163447 | <a href="#">Tatiana Nakano</a>                   |  Brazil   | <a href="#">Pontificia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Social Sciences / Psychology</a><br>criatividade   avaliação psicológica   altas habilidades/superdotação   psicologia positiva   psicologia do esporte                | 33      | 24          | 0.727               | 82        | 60          | 0.732               | 3708     | 2310        | 0.623               |
| 73  | 3838    | 5667   | 163452 | <a href="#">Alice Kazuko Inoue-Nagata</a>        |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>               | <a href="#">Pesquisador, Embrapa Hortaliças</a><br>Virologia   | 33      | 20          | 0.606               | 85        | 50          | 0.588               | 3706     | 1731        | 0.467               |
| 283   | 3839    | 5668   | 163479 | <a href="#">Marcelo Carnier Dornelas</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                 | <a href="#">Natural Sciences / Biological Science</a>  | 33      | 20          | 0.606               | 60        | 40          | 0.667               | 3701     | 1782        | 0.481               |
| 70  | 3840    | 5670   | 163509 | <a href="#">Marcelo De Bello Cioffi</a>          |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary Genetics   Vertebrate Cytogenetics   Biogeography  | 33      | 25          | 0.758               | 110       | 91          | 0.827               | 3694     | 2365        | 0.640               |
| 28  | 3841    | 5675   | 163623 | <a href="#">Neftali Lenin Villarreal Carreno</a> |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                     | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Material Science   | 33      | 21          | 0.636               | 79        | 51          | 0.646               | 3669     | 1587        | 0.433               |
| 17  | 3842    | 5677   | 163635 | <a href="#">Dalmo Mandelli</a>                   |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise   Química Verde   Oxidação   Epoxidação   Metátese  | 33      | 20          | 0.606               | 56        | 34          | 0.607               | 3667     | 1357        | 0.370               |
| 5   | 3843    | 5678   | 163638 | <a href="#">Anke Bergmann</a>                    |  Brazil   | <a href="#">Instituto Nacional de Cancer</a>                              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   fisioterapia   mastologia   oncologia  | 33      | 26          | 0.788               | 88        | 71          | 0.807               | 3666     | 2442        | 0.666               |
| 182   | 3844    | 5679   | 163643 | <a href="#">Rousiley Maia</a>                    |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                 | <a href="#">Social Sciences / Political Science</a><br>Political Communication   Deliberation   Recognition   Democracy   Social Movements   | 33      | 20          | 0.606               | 70        | 45          | 0.643               | 3665     | 1330        | 0.363               |
| 1100  | 3845    | 5680   | 163644 | <a href="#">Ana Carolina Takakura</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Medical and Health Sciences / Pharmacology</a>   | 33      | 24          | 0.727               | 83        | 66          | 0.795               | 3664     | 1846        | 0.504               |
| 284   | 3846    | 5683   | 163697 | <a href="#">Teresa Dib Zambon Atvars</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletrônica orgânica   polímeros emissores de luz   OLEDs   fluorescência   eletroluminescência                             | 33      | 17          | 0.515               | 120       | 40          | 0.333               | 3649     | 1135        | 0.311               |
| 1101  | 3847    | 5684   | 163716 | <a href="#">Ivano Gr Gutz</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry (Química Analítica)   Eletroanalytical Chemistry (Eletroanalítica)   Flow Analysis (Análise em fluxo) | 33      | 16          | 0.485               | 77        | 27          | 0.351               | 3644     | 902         | 0.248               |
| 285   | 3848    | 5685   | 163758 | <a href="#">Arlene Cristina Aguilar</a>          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                 | <a href="#">CampinasUnicampIFGWDRCC</a><br>Non-perturbative QCD   IR Green's functions   Schwinger-Dyson Equations   | 33      | 24          | 0.727               | 47        | 37          | 0.787               | 3635     | 1471        | 0.405               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 232   | 3849    | 5687   | 163844 | <a href="#">Marco Antonio Alvarenga</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | Reprodução Equina  | 33      | 19          | 0.576               | 87        | 49          | 0.563               | 3614     | 1504        | 0.416               |
| 233   | 3850    | 5689   | 163877 | <a href="#">Leticia Helena Theodoro</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Medical and Health Sciences / Dentistry</a><br>periodontia   laser   | 33      | 25          | 0.758               | 69        | 58          | 0.841               | 3608     | 1707        | 0.473               |
| 32  | 3851    | 5690   | 163881 | <a href="#">Fabio B Passos</a>                 |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise Heterogênea   Cinética Química   Reatores Químicos  | 33      | 21          | 0.636               | 67        | 45          | 0.672               | 3607     | 1348        | 0.374               |
| 234   | 3852    | 5691   | 163892 | <a href="#">Luiz Fernando Costa Nascimento</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 33      | 21          | 0.636               | 106       | 65          | 0.613               | 3603     | 1646        | 0.457               |
| 1102  | 3853    | 5692   | 163899 | <a href="#">Jorge E Horvath</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Natural Sciences / Physics</a><br>Relativistic astrophysics   dense matter   High energy astrophysics   astrobiology                           | 33      | 17          | 0.515               | 96        | 34          | 0.354               | 3602     | 1069        | 0.297               |
| 235   | 3854    | 5693   | 163913 | <a href="#">Aldo Eloizo Job</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science  | 33      | 20          | 0.606               | 74        | 47          | 0.635               | 3599     | 1663        | 0.462               |
| 183   | 3855    | 5694   | 163940 | <a href="#">Vicente Buono</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                 | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engineering   Materials   Dentistry  | 33      | 22          | 0.667               | 66        | 47          | 0.712               | 3590     | 1583        | 0.441               |
| 236   | 3856    | 5695   | 163943 | <a href="#">José Luz Silveira</a>              |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Termoconomia   Termodinâmica   Gaseificação   Hidrogênio   Células de combustível | 33      | 25          | 0.758               | 74        | 52          | 0.703               | 3589     | 1840        | 0.513               |
| 2   | 3857    | 5696   | 163949 | <a href="#">Oswaldo Resende</a>                |  Brazil | <a href="#">Instituto Federal Goiano</a>                                  | <a href="#">GoiCâmpusRioVerGO</a><br>Pós-Colheita de Produtos Vegetais   | 33      | 22          | 0.667               | 92        | 69          | 0.750               | 3588     | 1869        | 0.521               |
| 1103  | 3858    | 5698   | 163956 | <a href="#">Lisete R Teixeira</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Medicina   Pneumologia   | 33      | 14          | 0.424               | 86        | 29          | 0.337               | 3586     | 764         | 0.213               |
| 4   | 3859    | 5701   | 163980 | <a href="#">Raquel Souza Lobo Guzzo</a>        |  Brazil | <a href="#">Pontifícia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia   | 33      | 19          | 0.576               | 95        | 59          | 0.621               | 3580     | 1521        | 0.425               |
| 26  | 3860    | 5703   | 163985 | <a href="#">Joel Augusto Muniz</a>             |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                       | <a href="#">Natural Sciences / Mathematics</a><br>Modelos não lineares   Análise de regressão   Estatística Experimental   Técnicas de Amostragem          | 33      | 21          | 0.636               | 86        | 35          | 0.407               | 3578     | 1389        | 0.388               |






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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 71  | 3861    | 5704   | 164001 | <a href="#">Roseli Esquerdo Lopes</a>  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                         | <a href="#">SÃoCarlos</a><br>Terapia Ocupacional   Educaço   Sade Pblica   | 33      | 25          | 0.758               | 88        | 67          | 0.761               | 3574     | 2123        | 0.594               |
| 237   | 3862    | 5706   | 164041 | <a href="#">Miguel Jafelicci Junior</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Jlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Qumica   Fsico-Qumica   Qumica de Coloides e de Superfcies   Qumica de Materiais  | 33      | 18          | 0.545               | 82        | 43          | 0.524               | 3566     | 1430        | 0.401               |
| 13  | 3863    | 5707   | 164042 | <a href="#">Paulo Ricardo Saquete Martins Filho</a>  |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                        | <a href="#">InvestigativePathologySergipe(Brazil)</a><br>Covid-19   epidemiology   patient-centered outcomes   evidence-based medicine  | 33      | 30          | 0.909               | 87        | 75          | 0.862               | 3565     | 2866        | 0.804               |
| 184   | 3864    | 5709   | 164069 | <a href="#">Cludia Cardoso-Martins</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  |   | 33      | 19          | 0.576               | 47        | 28          | 0.596               | 3557     | 886         | 0.249               |
| 14  | 3865    | 5710   | 164138 | <a href="#">Andr Luis Faria E Silva</a>   |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 33      | 25          | 0.758               | 81        | 62          | 0.765               | 3539     | 2084        | 0.589               |
| 2   | 3866    | 5712   | 164151 | <a href="#">Alvarenga R Regina Maria Papais Alvarenga Papais Alvarenga RM Papais Alvarenga R R Alvarenga</a> |  Brazil   | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a>    | <a href="#">Medical and Health Sciences / Neurology</a><br>neurology  | 33      | 22          | 0.667               | 98        | 63          | 0.643               | 3534     | 1754        | 0.496               |
| 72  | 3867    | 5713   | 164158 | <a href="#">Marystela Ferreira</a>   |  Brazil | <a href="#">Universidade Federal de So Carlos</a>                         | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanocincia   sensores   biosensores   | 33      | 20          | 0.606               | 85        | 53          | 0.624               | 3533     | 1390        | 0.393               |
| 24  | 3868    | 5714   | 164177 | <a href="#">Marcio S Carvalho</a>  |  Brazil | <a href="#">Pontificia Universidade Catlica do Rio de Janeiro PUC-RIO</a> | <a href="#">Capillary Hydrodynamics free surface flows coating process porous media emulsion </a><br>Capillary Hydrodynamics   free surface flows   coating process   porous media   emulsion | 33      | 23          | 0.697               | 87        | 56          | 0.644               | 3528     | 1738        | 0.493               |
| 76  | 3869    | 5715   | 164186 | <a href="#">Eduardo Bed Barros</a>  |  Brazil | <a href="#">Universidade Federal do Cear</a>                              | Carbon Nanomaterials   Raman Spectroscopy   Scanning Probe Microscopy   Group Theory  | 33      | 21          | 0.636               | 57        | 40          | 0.702               | 3526     | 1511        | 0.429               |
| 1104  | 3870    | 5717   | 164198 | <a href="#">Joaquim Edson Vieira</a>   |  Brazil | <a href="#">Universidade de So Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>anestesiologia   educaço mdica  | 33      | 20          | 0.606               | 66        | 35          | 0.530               | 3521     | 1379        | 0.392               |
| 1105  | 3871    | 5719   | 164210 | <a href="#">Leila Antonangelo</a>  |  Brazil | <a href="#">Universidade de So Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Pathology</a><br>Medicina   | 33      | 19          | 0.576               | 74        | 38          | 0.514               | 3516     | 1682        | 0.478               |




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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1106  | 3872    | 5720   | 164211 | <a href="#">Gilberto Ubida Leite Braga</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Fungal Photobiology   Antimicrobial Photodynamic Treatment                  | 33      | 27          | 0.818               | 62        | 54          | 0.871               | 3516     | 2007        | 0.571               |
| 4   | 3873    | 5722   | 164250 | <a href="#">Daniel Boullosa</a>                  |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>     | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sport and Exercise Science  | 33      | 28          | 0.848               | 90        | 79          | 0.878               | 3505     | 2545        | 0.726               |
| 1107  | 3874    | 5724   | 164280 | <a href="#">Afonso Dinis Costa Passos</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Saúde Pública   Epidemiologia   Controle de doenças transmissíveis | 33      | 18          | 0.545               | 94        | 39          | 0.415               | 3497     | 999         | 0.286               |
| 24  | 3875    | 5725   | 164292 | <a href="#">Roseana De Almeida Freitas</a>       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>    | <a href="#">Medical and Health Sciences / Pathology</a><br>PATOLOGIA   ESTOMATOLOGIA   IMUNOHISTOQUÍMICA   IMAGINOLOGIA                            | 33      | 18          | 0.545               | 106       | 55          | 0.519               | 3493     | 1447        | 0.414               |
| 94  | 3876    | 5726   | 164302 | <a href="#">Aloisio Nelmo Klein</a>              |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Ciencia e Engenharia de Materiais                      | 33      | 22          | 0.667               | 94        | 49          | 0.521               | 3491     | 1676        | 0.480               |
| 5   | 3877    | 5727   | 164306 | <a href="#">Jorge Eduardo Souza Sarkis</a>       |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   espectrometria de massas   forense   metrologia   meio ambiente        | 33      | 18          | 0.545               | 83        | 48          | 0.578               | 3490     | 1241        | 0.356               |
| 110   | 3878    | 5728   | 164317 | <a href="#">Reinaldo Souza-Santos</a>            |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                          | <a href="#">Fundação Oswaldo Cruz</a>  | 33      | 21          | 0.636               | 76        | 46          | 0.605               | 3488     | 1369        | 0.392               |
| 35  | 3879    | 5731   | 164432 | <a href="#">Teresinha Silva</a>                  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal Chemistry   Pharmacology   Toxicology            | 33      | 27          | 0.818               | 92        | 77          | 0.837               | 3460     | 2445        | 0.707               |
| 1108  | 3880    | 5733   | 164463 | <a href="#">Celso Teixeira Mendes Junior</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Genetics and Molecular Biology   Population genetics   Forensic genetics             | 33      | 21          | 0.636               | 80        | 51          | 0.638               | 3451     | 1506        | 0.436               |
| 1109  | 3881    | 5734   | 164475 | <a href="#">José Roberto De Magalhaes Bastos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">SaúColetiv</a><br>Saúde Coletiva   Epidemiologia Oral   Planejamento e Administração em Saúde   Educação em Saúde                      | 33      | 18          | 0.545               | 87        | 34          | 0.391               | 3447     | 1139        | 0.330               |
| 29  | 3882    | 5735   | 164482 | <a href="#">Wladimir Silva</a>                   |  Brazil  | <a href="#">Universidade Federal de Pelotas UFPEL</a>          | <a href="#">na UnversidPelotas</a><br>Ciência e Tecnologia de Alimentos  | 33      | 22          | 0.667               | 82        | 58          | 0.707               | 3446     | 2008        | 0.583               |
| 1110  | 3883    | 5736   | 164492 | <a href="#">Alfredo Ribeiro Silva</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology   | 33      | 18          | 0.545               | 75        | 35          | 0.467               | 3443     | 1218        | 0.354               |
| 37  | 3884    | 5737   | 164494 | <a href="#">Cristina Cangussu</a>                |  Brazil | <a href="#">Universidade Federal da Bahia</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   odontologia   biotecnologia   laser                | 33      | 21          | 0.636               | 83        | 49          | 0.590               | 3442     | 1463        | 0.425               |
| 24  | 3885    | 5738   | 164514 | <a href="#">Jordana Nogueira</a>                 |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>           | <a href="#">em</a><br>Tuberculose   HIV   Aids   Sexualidade   | 33      | 19          | 0.576               | 94        | 58          | 0.617               | 3438     | 1648        | 0.479               |
| 17  | 3886    | 5739   | 164518 | <a href="#">Alex FC Flores</a>                   |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Farmacologia   Nanotecnologia   Microbiologia                                    | 33      | 14          | 0.424               | 75        | 24          | 0.320               | 3437     | 703         | 0.205               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 3887    | 5741   | 164548 | <a href="#">Villaverde Antonio Balbin</a>      |  Brazil   | <a href="#">Universidade Anhembi Morumbi</a>                   | <a href="#">Natural Sciences / Physics</a><br>Óptica   Lasers   Engenharia Biomédica  | 33      | 21          | 0.636               | 65        | 38          | 0.585               | 3430     | 1076        | 0.314               |
| 1111  | 3888    | 5747   | 164611 | <a href="#">Leticia Mansur</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Social Sciences / Linguistics and Literature</a><br>Linguagem   neurolinguística   afasias   demências   envelhecimento                                       | 33      | 21          | 0.636               | 74        | 46          | 0.622               | 3416     | 1410        | 0.413               |
| 3   | 3889    | 5748   | 164618 | <a href="#">Vanderlei José Haas</a>            |  Brazil   | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a> | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   enfermagem   validação   simulação Monte Carlo   epidemiologia                            | 33      | 22          | 0.667               | 72        | 55          | 0.764               | 3413     | 1640        | 0.481               |
| 18  | 3890    | 5752   | 164682 | <a href="#">Clarisse Odebrecht</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>        | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a>  | 33      | 18          | 0.545               | 71        | 35          | 0.493               | 3398     | 1047        | 0.308               |
| 154   | 3891    | 5753   | 164704 | <a href="#">Paulo M Bisch</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Medical and Health Sciences / Biophysics</a><br>Biofísica   | 33      | 16          | 0.485               | 88        | 26          | 0.295               | 3392     | 886         | 0.261               |
| 1112  | 3892    | 5755   | 164713 | <a href="#">Isilia Aparecida Silva</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">em</a><br>Enfermagem  | 33      | 15          | 0.455               | 77        | 26          | 0.338               | 3390     | 1162        | 0.343               |
| 8   | 3893    | 5757   | 164741 | <a href="#">Aristeu Vieira Da Silva</a>        |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a> | <a href="#">Medical and Health Sciences / Parasitology</a><br>zoonoses   saúde pública   epidemiologia   biologia molecular   | 33      | 15          | 0.455               | 99        | 37          | 0.374               | 3381     | 1089        | 0.322               |
| 5   | 3894    | 5759   | 164755 | <a href="#">Jose Pedrazzoli Jr</a>             |  Brazil   | <a href="#">Universidade São Francisco</a>                     | <a href="#">SaoFrancisco</a>  | 33      | 18          | 0.545               | 62        | 29          | 0.468               | 3378     | 854         | 0.253               |
| 286   | 3895    | 5760   | 164772 | <a href="#">Carmen Silvia Passos Lima</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">MedicalsCampinas</a>  | 33      | 16          | 0.485               | 90        | 31          | 0.344               | 3372     | 940         | 0.279               |
| 15  | 3896    | 5761   | 164774 | <a href="#">Marzo Edir Da Silva Grigoletto</a> |  Brazil  | <a href="#">Universidade Federal de Sergipe UFS</a>            | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sport Science  | 33      | 25          | 0.758               | 80        | 62          | 0.775               | 3372     | 2172        | 0.644               |
| 287   | 3897    | 5762   | 164778 | <a href="#">João Luiz Pinto E Silva</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>medicina   obstetria e ginecologia   reprodução humana   reprodução e gravidez na adolescência | 33      | 20          | 0.606               | 52        | 32          | 0.615               | 3372     | 1237        | 0.367               |
| 185   | 3898    | 5764   | 164786 | <a href="#">Adelina Martha Dos Reis</a>        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   Endocrinology   Cardiovascular   Reproduction   Estrogen   | 33      | 18          | 0.545               | 82        | 42          | 0.512               | 3369     | 1370        | 0.407               |
| 288   | 3899    | 5765   | 164797 | <a href="#">Jorg Kobarg</a>                    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cellular signalling   cancer   | 33      | 19          | 0.576               | 75        | 37          | 0.493               | 3366     | 1365        | 0.406               |

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| University  | Country | Region | World  | Name                                      | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 163   | 3900    | 5766   | 164815 | <a href="#">Maria Do Carmo Peralba</a>    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica e ambiental  | 33      | 23          | 0.697               | 63        | 39          | 0.619               | 3361     | 1357        | 0.404               |
| 14  | 3901    | 5767   | 164823 | <a href="#">Maura Da Cunha</a>            |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>     | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomia vegetal   Citologia Vegetal  | 33      | 21          | 0.636               | 73        | 50          | 0.685               | 3359     | 1467        | 0.437               |
| 1113  | 3902    | 5768   | 164826 | <a href="#">Catarina Satie Takahashi</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">FFCLRP-USP</a><br>Mutagênese   | 33      | 16          | 0.485               | 84        | 31          | 0.369               | 3358     | 905         | 0.270               |
| 34  | 3903    | 5769   | 164864 | <a href="#">Christian Haag Kristensen</a> |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | Trauma   Transtorno de Estresse Pós-Traumático   Terapia Cognitivo-Comportamental   Neuropsicologia  | 33      | 21          | 0.636               | 72        | 47          | 0.653               | 3348     | 1570        | 0.469               |
| 95  | 3904    | 5770   | 164875 | <a href="#">André Porporatti</a>          |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | Dor Orofacial   Disfunção Temporomandibular   Neuropatias   Bruxismo.  | 33      | 32          | 0.970               | 66        | 66          | 1.000               | 3345     | 2943        | 0.880               |
| 96  | 3905    | 5771   | 164895 | <a href="#">Christian JI Hermes</a>       |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Thermodynamics   Heat and Mass Transfer   Heat Exchangers   Refrigeration   Frost & Ice | 33      | 24          | 0.727               | 66        | 50          | 0.758               | 3340     | 1735        | 0.519               |
| 238   | 3906    | 5772   | 164904 | <a href="#">Maria Jose Hitomi Nagata</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Regeneração periodontal   regeneração óssea   probióticos   medicina periodontal                      | 33      | 22          | 0.667               | 60        | 46          | 0.767               | 3338     | 1280        | 0.383               |
| 1   | 3907    | 5773   | 164915 | <a href="#">Sandro Marcio Lima</a>        |  Brazil | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>                 | <a href="#">Natural Sciences / Physics</a><br>Fototérmica   Espectroscopia   | 33      | 20          | 0.606               | 95        | 62          | 0.653               | 3334     | 1587        | 0.476               |
| 155   | 3908    | 5775   | 164926 | <a href="#">Christianne Bandeira Melo</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">RioJaneiro</a><br>eosinophils   lipid mediators   eicosanoids   PGD2   inflammation  | 33      | 18          | 0.545               | 50        | 34          | 0.680               | 3333     | 920         | 0.276               |
| 1114  | 3909    | 5776   | 164932 | <a href="#">Marcelo Thomazini</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a>   | 33      | 30          | 0.909               | 43        | 41          | 0.953               | 3332     | 2266        | 0.680               |
| 97  | 3910    | 5777   | 164942 | <a href="#">Kelly Samara Da Silva</a>     |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | Physical activity   sedentary behavior   health promotion  | 33      | 23          | 0.697               | 84        | 65          | 0.774               | 3327     | 1952        | 0.587               |
| 16  | 3911    | 5778   | 164950 | <a href="#">Mairim Russo Serafini</a>     |  Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Tecnologia Farmacêutica   Produtos Naturais   Biotecnologia              | 33      | 31          | 0.939               | 67        | 60          | 0.896               | 3324     | 2392        | 0.720               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 3912    | 5779   | 164976 | <a href="#">José Alberto Domingues Rodrigues</a> | <br>Brazil   | <a href="#">Instituto Mauá de Tecnologia</a>                    | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Tratamento biológico de águas residuárias   | 33      | 21          | 0.636               | 94        | 49          | 0.521               | 3317     | 1342        | 0.405               |
| 59  | 3913    | 5780   | 164999 | <a href="#">Antonio Jacinto Demuner</a>          | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   Síntese Orgânica   Cromatografia   óleos essenciais   Micropropagação             | 33      | 22          | 0.667               | 87        | 43          | 0.494               | 3312     | 1372        | 0.414               |
| 7   | 3914    | 5781   | 165021 | <a href="#">Herbert Siqueira</a>                 | <br>Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>  | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomologia   genética   genômica  | 33      | 23          | 0.697               | 55        | 42          | 0.764               | 3305     | 1685        | 0.510               |
| 55  | 3915    | 5782   | 165033 | <a href="#">Adenise Lorenci Woiciechowski</a>    | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Biomass pretreatment   biofuel   treatment of residue   bioprocess engineering | 33      | 25          | 0.758               | 64        | 48          | 0.750               | 3300     | 2376        | 0.720               |
| 97  | 3916    | 5783   | 165035 | <a href="#">Clovis Ryuichi Nakaie</a>            | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Biophysics</a><br>Peptides and Polymers  | 33      | 12          | 0.364               | 75        | 15          | 0.200               | 3298     | 515         | 0.156               |
| 56  | 3917    | 5785   | 165068 | <a href="#">Fernando C Passos</a>                | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Mammalia   Chiroptera   Primates   Ecology   Conservation   | 33      | 18          | 0.545               | 88        | 38          | 0.432               | 3289     | 1318        | 0.401               |
| 57  | 3918    | 5787   | 165081 | <a href="#">Luiz Claudio Fernandes</a>           | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>Oncologia   Nutrição   Fisiologia Endócrina  | 33      | 17          | 0.515               | 90        | 42          | 0.467               | 3284     | 1219        | 0.371               |
| 27  | 3919    | 5790   | 165103 | <a href="#">Diego Botrel</a>                     | <br>Brazil  | <a href="#">Universidade Federal de Lavras UFLA</a>             | Microencapsulação   Química de Alimentos   Tecnologia de Bebidas   | 33      | 27          | 0.818               | 51        | 47          | 0.922               | 3278     | 2476        | 0.755               |
| 98  | 3920    | 5791   | 165110 | <a href="#">Carlos P Silva</a>                   | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   | 33      | 17          | 0.515               | 59        | 40          | 0.678               | 3276     | 1067        | 0.326               |
| 164   | 3921    | 5792   | 165153 | <a href="#">Diego Bonatto</a>                    | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Systems Biology   Complex Systems   Saccharomyces cerevisiae   Brewing Yeasts                                   | 33      | 20          | 0.606               | 68        | 44          | 0.647               | 3262     | 1335        | 0.409               |
| 1115  | 3922    | 5794   | 165210 | <a href="#">Ana Emilia Pace</a>                  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirão Preto</a><br>Enfermagem   | 33      | 21          | 0.636               | 65        | 46          | 0.708               | 3243     | 1414        | 0.436               |
| 33  | 3923    | 5795   | 165222 | <a href="#">A Latge</a>                          | <br>Brazil | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Natural Sciences / Physics</a><br>Physics - Condensed Matter   | 33      | 14          | 0.424               | 79        | 25          | 0.316               | 3240     | 675         | 0.208               |
| 165   | 3924    | 5797   | 165283 | <a href="#">Fabiano Severo Rodembusch</a>        | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">RioGrandeSul</a><br>Photochemistry and Photophysics  | 33      | 23          | 0.697               | 86        | 68          | 0.791               | 3220     | 2052        | 0.637               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1116  | 3925    | 5798   | 165285 | <a href="#">Tirapelli Cr</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia   Toxicologia                                       | 33      | 21          | 0.636               | 94        | 60          | 0.638               | 3219     | 1528        | 0.475               |
| 5   | 3926    | 5799   | 165301 | <a href="#">Gilmar Thim</a>                       |  Brazil   | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>               | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomaterials                                 | 33      | 27          | 0.818               | 70        | 57          | 0.814               | 3215     | 2204        | 0.686               |
| 1117  | 3927    | 5800   | 165336 | <a href="#">Roberto Do Nascimento Silva</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Biotechnology  | 33      | 27          | 0.818               | 51        | 47          | 0.922               | 3202     | 2009        | 0.627               |
| 166   | 3928    | 5802   | 165354 | <a href="#">Ruy Paulo Philipp</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geotectônica  | 33      | 25          | 0.758               | 69        | 49          | 0.710               | 3198     | 1914        | 0.598               |
| 239   | 3929    | 5804   | 165382 | <a href="#">Valdecir Farias Ximenes</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a>   | 33      | 20          | 0.606               | 74        | 49          | 0.662               | 3183     | 1457        | 0.458               |
| 1118  | 3930    | 5805   | 165395 | <a href="#">Linda Wang</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Operative Dentistry   Cariology   Bonding   Dentin                  | 33      | 23          | 0.697               | 79        | 59          | 0.747               | 3177     | 1746        | 0.550               |
| 111   | 3931    | 5806   | 165396 | <a href="#">Lis R Antonelli</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   | 33      | 24          | 0.727               | 47        | 41          | 0.872               | 3177     | 1563        | 0.492               |
| 56  | 3932    | 5807   | 165420 | <a href="#">Maria Valdrinez Campana Lonardoni</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Medical Sciences   Infectious diseases   Immunology                | 33      | 19          | 0.576               | 92        | 43          | 0.467               | 3168     | 1352        | 0.427               |
| 289   | 3933    | 5808   | 165449 | <a href="#">Helia Harumi Sato</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica de Alimentos  | 33      | 20          | 0.606               | 75        | 37          | 0.493               | 3159     | 1587        | 0.502               |
| 73  | 3934    | 5810   | 165452 | <a href="#">Vilmar Baldissera</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     |  | 33      | 19          | 0.576               | 63        | 32          | 0.508               | 3159     | 1034        | 0.327               |
| 98  | 3935    | 5814   | 165552 | <a href="#">Patricia Sartorelli</a>               |  Brazil  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | natural products   | 33      | 23          | 0.697               | 57        | 50          | 0.877               | 3123     | 1533        | 0.491               |
| 112   | 3936    | 5815   | 165555 | <a href="#">Márcio Flávio Moura De Araújo</a>     |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz</a><br>Diabetes   HIV-AIDS   Alimentos Funcionais  | 33      | 22          | 0.667               | 70        | 48          | 0.686               | 3121     | 1694        | 0.543               |
| 57  | 3937    | 5816   | 165556 | <a href="#">Eduardo Radovanovic</a>               |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   microscopia   química de materiais   compósitos   reciclagem | 33      | 18          | 0.545               | 55        | 31          | 0.564               | 3121     | 1264        | 0.405               |
| 1119  | 3938    | 5818   | 165567 | <a href="#">Luis Alexandre Pedro De Freitas</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química e Farmácia                           | 33      | 22          | 0.667               | 77        | 53          | 0.688               | 3115     | 1534        | 0.492               |









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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1120  | 3939    | 5820   | 165601 | <a href="#">Silvya Stuchi Maria Engler</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Melanoma   Skin   Chemoresistance   Alternative Methods to animal experimentation   Cancer | 33      | 25          | 0.758               | 62        | 50          | 0.806               | 3102     | 1839        | 0.593               |
| 47  | 3940    | 5822   | 165661 | <a href="#">Fernanda De Castilhos</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>              | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering  | 33      | 24          | 0.727               | 59        | 50          | 0.847               | 3070     | 1535        | 0.500               |
| 1121  | 3941    | 5825   | 165688 | <a href="#">Maria Da Gloria Chiarello De Mattos</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biomecânica   prótese dentária   implante osseointegrado   ligas de titânio   | 33      | 20          | 0.606               | 65        | 40          | 0.615               | 3052     | 1189        | 0.390               |
| 1122  | 3942    | 5828   | 165728 | <a href="#">Michele Castro</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacologia cardiovascular  | 33      | 23          | 0.697               | 48        | 35          | 0.729               | 3031     | 1304        | 0.430               |
| 17  | 3943    | 5829   | 165736 | <a href="#">Nelson Orlando Moreno Salazar</a>         |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                   | <a href="#">Natural Sciences / Physics</a><br>condensed matter   magnetism   strongly correlated electron system   | 33      | 13          | 0.394               | 67        | 25          | 0.373               | 3026     | 684         | 0.226               |
| 1123  | 3944    | 5830   | 165738 | <a href="#">Rubens Ferreira De Albuquerque Junior</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental implants   implant prostheses   oral microbiology  | 33      | 22          | 0.667               | 53        | 39          | 0.736               | 3026     | 1494        | 0.494               |
| 167   | 3945    | 5831   | 165752 | <a href="#">Jorge Alberto Quillfeldt</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>       | <a href="#">Social Sciences / Psychology</a><br>Psychobiology and Neuropharmacology of Memory   Neuroscience   Astrobiology  | 33      | 15          | 0.455               | 41        | 22          | 0.537               | 3014     | 751         | 0.249               |
| 1124  | 3946    | 5833   | 165756 | <a href="#">Adriana Pinheiro Martinelli</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">SÃO PauloCENA/USP</a><br>Plant Biotechnology   Plant Reproductive Development   Plant In Vitro Propagation   Plant Morphoanatomy   Bromeliad Reproduction              | 33      | 21          | 0.636               | 66        | 47          | 0.712               | 3011     | 1304        | 0.433               |
| 7   | 3947    | 5836   | 165776 | <a href="#">Arthur Soares Souza Junior</a>            |  Brazil  | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a> | <a href="#">SaúdeFAMERP</a><br>Thoracic Radiology  | 33      | 19          | 0.576               | 66        | 41          | 0.621               | 3001     | 1179        | 0.393               |
| 74  | 3948    | 5838   | 165804 | <a href="#">Carlos W. Piler Carvalho</a>              |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>           | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food science and technology   | 33      | 27          | 0.818               | 77        | 66          | 0.857               | 2988     | 2089        | 0.699               |
| 99  | 3949    | 5839   | 165807 | <a href="#">Jorge Mr</a>                              |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>             | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   | 33      | 14          | 0.424               | 48        | 22          | 0.458               | 2986     | 795         | 0.266               |
| 10  | 3950    | 5843   | 165852 | <a href="#">Daniel Fonseca De Carvalho</a>            |  Brazil | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>    | <a href="#">RuralRioJaneiro</a><br>Manejo de água   otimização do uso da água   erosão hídrica   | 33      | 21          | 0.636               | 75        | 46          | 0.613               | 2966     | 1407        | 0.474               |
| 77  | 3951    | 5844   | 165863 | <a href="#">Mohammed Saad Lahlou</a>                  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                         | <a href="#">Medical and Health Sciences / Physiology</a><br>Hipertensão arterial pulmonar   Infarto de miocárdio   | 33      | 17          | 0.515               | 68        | 41          | 0.603               | 2958     | 1075        | 0.363               |









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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 3952    | 5845   | 165870 | <a href="#">Jefferson Pereira</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 33      | 23          | 0.697               | 69        | 53          | 0.768               | 2952     | 1584        | 0.537               |
| 5   | 3953    | 5846   | 165872 | <a href="#">Eduardo Guimarães Couto</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Mato Grosso</a>          | <a href="#">DoSoloSoloseRuralUniversidaaê!</a><br>Ciência do solo   Wetlands   Dinâmica do carbono   Agricultura de Precisão                | 33      | 24          | 0.727               | 63        | 44          | 0.698               | 2950     | 1521        | 0.516               |
| 18  | 3954    | 5850   | 165889 | <a href="#">Humberto Naoyuki Yoshimura</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>            | <a href="#">Engineering &amp; Technology / Engineering</a><br>Cerâmica   Ciência dos Materiais   Processamento   Propriedades   Biomaterial | 33      | 18          | 0.545               | 50        | 30          | 0.600               | 2936     | 971         | 0.331               |
| 2   | 3955    | 5852   | 165940 | <a href="#">Paulo Roberto Fagundes</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>       | <a href="#">Natural Sciences / Physics</a><br>Física Espacial   Física da Ionosfera e Física da Relação Sol-Terra                           | 33      | 17          | 0.515               | 79        | 41          | 0.519               | 2893     | 1032        | 0.357               |
| 1125  | 3956    | 5853   | 165952 | <a href="#">Thais Chaves</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Reabilitação   Fisioterapia   Dor crônica   Questionários                     | 33      | 24          | 0.727               | 55        | 51          | 0.927               | 2878     | 1764        | 0.613               |
| 1126  | 3957    | 5855   | 165961 | <a href="#">Rosa Prazeres Melo Furriel</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Enzimas de interesse industrial   | 33      | 18          | 0.545               | 62        | 35          | 0.565               | 2868     | 971         | 0.339               |
| 22  | 3958    | 5857   | 165975 | <a href="#">Cláudio Nahum Alves</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pará UFPA</a>            | <a href="#">Federal University of Pará</a><br>Computational and Theoretical Chemistry   | 33      | 18          | 0.545               | 82        | 35          | 0.427               | 2856     | 1103        | 0.386               |
| 28  | 3959    | 5858   | 165978 | <a href="#">Renato Gregorin</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>          | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Sistemática   Ecologia   Morfologia   Mamíferos                         | 33      | 20          | 0.606               | 64        | 44          | 0.688               | 2852     | 1274        | 0.447               |
| 1127  | 3960    | 5859   | 166022 | <a href="#">Soares DG</a>                    |  <a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biomateriais   | 33      | 27          | 0.818               | 65        | 57          | 0.877               | 2813     | 1961        | 0.697               |
| 1128  | 3961    | 5860   | 166023 | <a href="#">Luciana Kusumota</a>             |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Ribeirão Preto</a><br>Doença Renal Crônica   Saúde do Idoso   | 33      | 20          | 0.606               | 62        | 44          | 0.710               | 2813     | 1358        | 0.483               |
| 290   | 3962    | 5861   | 166078 | <a href="#">Wander José Da Silva</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry  | 33      | 22          | 0.667               | 57        | 47          | 0.825               | 2743     | 1410        | 0.514               |
| 1129  | 3963    | 5864   | 166173 | <a href="#">Rosely Dos Santos Malafronte</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">Natural Sciences / Biological Science</a><br>saúde publica   epidemiologia   parasitologia                                      | 33      | 19          | 0.576               | 51        | 35          | 0.686               | 2564     | 932         | 0.363               |
| 113   | 3964    | 5865   | 166208 | <a href="#">Christian Macagnan Probst</a>    |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Genetics   Bioinformatics   Omics analyses       | 33      | 17          | 0.515               | 45        | 33          | 0.733               | 2396     | 849         | 0.354               |
| 1130  | 3965    | 5866   | 166218 | <a href="#">Fabiola Dach</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                | <a href="#">MediciRibeirão Preto</a><br>Cefaleia   dor  | 33      | 23          | 0.697               | 54        | 49          | 0.907               | 2275     | 1479        | 0.650               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 168   | 3966    | 5868   | 166276 | <a href="#">AM Barros</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a>  | 32      | 29          | 0.906               | 38        | 36          | 0.947               | 23546    | 22324       | 0.948               |
| 7   | 3967    | 5870   | 166332 | <a href="#">Alexandre Andrei</a>                |  Brazil   | <a href="#">Observatorio Nacional</a>                           | <a href="#">Observatório Nacional. Brazil</a><br>astronomy   geophysics   | 32      | 20          | 0.625               | 70        | 38          | 0.543               | 16828    | 14526       | 0.863               |
| 100   | 3968    | 5871   | 166355 | <a href="#">Karina Bortoluci *</a>              |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | imunologia  | 32      | 20          | 0.625               | 44        | 34          | 0.773               | 15501    | 7890        | 0.509               |
| 64  | 3969    | 5874   | 166394 | <a href="#">Demetrio A Da Silva Filho</a>       |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada  | 32      | 23          | 0.719               | 57        | 41          | 0.719               | 14190    | 4176        | 0.294               |
| 58  | 3970    | 5877   | 166508 | <a href="#">Rafael Silva</a>                    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Materials Science   Electrocatalysis   Nanotechnology   Carbon   Hybrid Materials   | 32      | 25          | 0.781               | 75        | 53          | 0.707               | 11543    | 7252        | 0.628               |
| 1131  | 3971    | 5878   | 166522 | <a href="#">Godofredo Cesar Vitti</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">AduboseAdubaÃŠÃfo</a><br>Adubos e Adubação   Fertilidade do Solo  | 32      | 18          | 0.563               | 85        | 29          | 0.341               | 11250    | 2909        | 0.259               |
| 1132  | 3972    | 5881   | 166606 | <a href="#">Cassia Baldini Soares</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>action research   health education   youth health   drug consumption   primary health care                       | 32      | 22          | 0.688               | 84        | 47          | 0.560               | 10091    | 8020        | 0.795               |
| 58  | 3973    | 5883   | 166748 | <a href="#">Paulo Justiniano Ribeiro Junior</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Natural Sciences / Statistics</a><br>Estatística  | 32      | 19          | 0.594               | 61        | 36          | 0.590               | 9000     | 2634        | 0.293               |
| 1133  | 3974    | 5884   | 166798 | <a href="#">Fernando Lefevre</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Saúde Coletiva   Comunicação   Pesquisa Qualitativa   Discurso do Sujeito Coletivo  | 32      | 19          | 0.594               | 70        | 36          | 0.514               | 8744     | 2625        | 0.300               |
| 1134  | 3975    | 5887   | 166900 | <a href="#">José A Da Silva</a>                 |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Psychology</a><br>speech perception   distance perception   visual space perception   mensuração da dor   intelligence                                    | 32      | 19          | 0.594               | 115       | 45          | 0.391               | 8161     | 2123        | 0.260               |
| 101   | 3976    | 5888   | 166914 | <a href="#">Nelson Sass</a>                     |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>SINDROMES HIPERTENSIVAS NA GESTAÇÃO   PRÉ-ECLÂPSIA   NEFROPATIAS NA GRAVIDEZ   TRANSPLANTE RENAL NA GESTAÇÃO | 32      | 21          | 0.656               | 72        | 45          | 0.625               | 8094     | 2818        | 0.348               |
| 291   | 3977    | 5890   | 167017 | <a href="#">SãRio Possenti</a>                  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Social Sciences / Linguistics and Literature</a><br>Linguística   análise do discurso   | 32      | 17          | 0.531               | 72        | 31          | 0.431               | 7692     | 2101        | 0.273               |
| 59  | 3978    | 5892   | 167122 | <a href="#">Sergio Cruz Arenhart</a>            |  Brazil | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">ProcessualCivil</a><br>precedentes   ações coletivas   processo civil   coisa julgada   provas  | 32      | 22          | 0.688               | 51        | 33          | 0.647               | 7354     | 2911        | 0.396               |
| 1135  | 3979    | 5893   | 167126 | <a href="#">Marcos Napolitano</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">History. Philosophy. Theology / History</a><br>História do Brasil   História da Música Popular Brasileira   Regime Militar   Cinema e História   Cinema e Ensino            | 32      | 24          | 0.750               | 59        | 43          | 0.729               | 7348     | 2982        | 0.406               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 292   | 3980    | 5894   | 167128 | <a href="#">Cecilia Baranauskas</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Human Computer Interaction   Computer Supported Collaborative Learning                     | 32      | 18          | 0.563               | 148       | 50          | 0.338               | 7336     | 2487        | 0.339               |
| 74  | 3981    | 5897   | 167243 | <a href="#">Luciana Camargo De Oliveira</a>     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Ambiental   Química Analítica   Ciências do solo  | 32      | 22          | 0.688               | 106       | 51          | 0.481               | 7022     | 4922        | 0.701               |
| 75  | 3982    | 5898   | 167254 | <a href="#">Renata V. Tonon</a>                 |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>    | <a href="#">Embrapa Agroindústria de Alimentos</a><br>Microencapsulação   concentração por membranas   aproveitamento de resíduos                             | 32      | 29          | 0.906               | 60        | 56          | 0.933               | 6996     | 4509        | 0.645               |
| 156   | 3983    | 5900   | 167344 | <a href="#">Ricardo Pereira Câmara Leal</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>finance   portfolio management   corporate governance   corporate financing   IPOs | 32      | 20          | 0.625               | 88        | 40          | 0.455               | 6799     | 2017        | 0.297               |
| 293   | 3984    | 5902   | 167367 | <a href="#">Margareth Castro Ozelo</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematologia   Hemostasia   Hemofilia   Terapia gênica   | 32      | 23          | 0.719               | 78        | 53          | 0.679               | 6736     | 2606        | 0.387               |
| 65  | 3985    | 5903   | 167511 | <a href="#">Rebecca Abers</a>                   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                   | <a href="#">Social Sciences / Political Science</a><br>Political Science  | 32      | 25          | 0.781               | 48        | 32          | 0.667               | 6446     | 2404        | 0.373               |
| 1136  | 3986    | 5907   | 167675 | <a href="#">Tomas Ferreira Domingues</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Tropical Ecology   Ecologia  | 32      | 29          | 0.906               | 50        | 47          | 0.940               | 6183     | 4198        | 0.679               |
| 9   | 3987    | 5910   | 167797 | <a href="#">Antonio Fausto Neto</a>             |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Business &amp; Management / Communication</a><br>comunicação   midiática   processos midiáticos   | 32      | 17          | 0.531               | 84        | 31          | 0.369               | 6018     | 1749        | 0.291               |
| 10  | 3988    | 5911   | 167856 | <a href="#">Jefferson Mainardes</a>             |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>     | <a href="#">Education / Education</a><br>Educação   Política Educacional   Epistemologia   Escola em Ciclos   Education Policy                                | 32      | 25          | 0.781               | 60        | 48          | 0.800               | 5950     | 3149        | 0.529               |
| 25  | 3989    | 5912   | 167919 | <a href="#">Reinaldo Farias Paiva De Lucena</a> |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>           | <a href="#">Sistemática/Ecologia/Exatase/Natureza&amp;#226;</a><br>Etnobiologia   Etnobotânica   Etnozoologia   Semiárido   Conservação                       | 32      | 26          | 0.813               | 76        | 59          | 0.776               | 5869     | 3126        | 0.533               |
| 66  | 3990    | 5916   | 168005 | <a href="#">Herbert Kimura</a>                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Risk management   Finance   Strategy  | 32      | 25          | 0.781               | 67        | 44          | 0.657               | 5784     | 3543        | 0.613               |
| 294   | 3991    | 5917   | 168097 | <a href="#">Eduardo Guimarães</a>               |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Social Sciences / Linguistics and Literature</a><br>linguística   semântica   pragmática   língua portuguesa   história das idéias linguísticas   | 32      | 19          | 0.594               | 79        | 36          | 0.456               | 5688     | 1878        | 0.330               |
| 1137  | 3992    | 5919   | 168234 | <a href="#">Martha Marandino</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Education / Education</a><br>education   science education   museum education   museology   biodiversity education                                | 32      | 22          | 0.688               | 72        | 45          | 0.625               | 5562     | 2569        | 0.462               |




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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 18  | 3993    | 5921   | 168306 | <a href="#">Paulo N Figueiredo</a>            |  Brazil  | <a href="#">Fundação Getulio Vargas FGV</a>                              | <a href="#">GetulioVargas(FGV)</a><br>Technological capability building and innovation in emerging market organizations   | 32      | 23          | 0.719               | 68        | 35          | 0.515               | 5504     | 1868        | 0.339               |
| 240   | 3994    | 5922   | 168337 | <a href="#">Jaime Edmundo Apaza Rodriguez</a> |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Natural Sciences / Mathematics</a><br>Matemática   Criptografia   Algebra Geometrica   Curvas Algebricas não-singulares.  | 32      | 17          | 0.531               | 153       | 37          | 0.242               | 5470     | 1483        | 0.271               |
| 169   | 3995    | 5923   | 168342 | <a href="#">Joao Manoel Gomes Da Silva Jr</a> |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>          | <a href="#">RioGrandeSul</a><br>constrained control   control saturation   networked control   time-delay systems   nonlinear systems   | 32      | 21          | 0.656               | 78        | 47          | 0.603               | 5466     | 2204        | 0.403               |
| 6   | 3996    | 5924   | 168345 | <a href="#">Brett Vern Carlson</a>            |  Brazil  | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                 | <a href="#">Natural Sciences / Physics</a><br>Physics   | 32      | 20          | 0.625               | 87        | 32          | 0.368               | 5465     | 2046        | 0.374               |
| 1138  | 3997    | 5925   | 168365 | <a href="#">Marcia Nitschke</a>               |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Chemical Sciences</a><br>biotensoativos   biofilmes  | 32      | 28          | 0.875               | 50        | 40          | 0.800               | 5449     | 2525        | 0.463               |
| 3   | 3998    | 5927   | 168407 | <a href="#">Denise P. Costa</a>               |  Brazil  | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a> | <a href="#">Researcher - Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a><br>Bryophytes   | 32      | 19          | 0.594               | 68        | 33          | 0.485               | 5415     | 2577        | 0.476               |
| 2   | 3999    | 5928   | 168462 | <a href="#">Cicilia Krohling Peruzzo</a>      |  Brazil  | <a href="#">Universidade Metodista de São Paulo</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Comunicação comunitária   Movimentos sociais   cidadania   Relações Públicas comunitárias                        | 32      | 22          | 0.688               | 76        | 43          | 0.566               | 5367     | 1876        | 0.350               |
| 295   | 4000    | 5930   | 168519 | <a href="#">JA Pomilio</a>                    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics   Eletrônica de Potência   Electrical Engineering   Engenharia Elétrica | 32      | 19          | 0.594               | 95        | 41          | 0.432               | 5312     | 1809        | 0.341               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 157   | 4001    | 5934   | 168573 | <a href="#">Emr Fairbairn</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Materials   Structures   Concrete  | 32      | 25          | 0.781               | 62        | 48          | 0.774               | 5269     | 2808        | 0.533               |
| 1139  | 4002    | 5935   | 168630 | <a href="#">Wilson Marques Junior</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Peripheral Neuropathy   Neurogenetics   EMG  | 32      | 23          | 0.719               | 88        | 53          | 0.602               | 5231     | 2750        | 0.526               |
| 1140  | 4003    | 5936   | 168646 | <a href="#">Marcos Garcia Neira</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Education / Education</a><br>Educação   Educação Física   Currículo   Teorias pós-críticas   | 32      | 25          | 0.781               | 109       | 75          | 0.688               | 5211     | 2986        | 0.573               |
| 76  | 4004    | 5937   | 168657 | <a href="#">Odílio Benedito Garrido De Assis</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Nanotecnologia, São Carlos, SP...</a> | <a href="#">Embrapa Instrumentação, LNNA - Laboratório Nacional de Nanotecnologia, São Carlos, SP...</a><br>biopolímeros   embalagens ativas   nanotecnologia   pós-colheita | 32      | 22          | 0.688               | 77        | 49          | 0.636               | 5207     | 3043        | 0.584               |
| 1141  | 4005    | 5938   | 168665 | <a href="#">Ricardo Mc Castro</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">usp</a>  | 32      | 20          | 0.625               | 50        | 29          | 0.580               | 5201     | 1381        | 0.266               |
| 1142  | 4006    | 5940   | 168699 | <a href="#">Dalton De Souza Amorim</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Comparada   Sistemática Filogenética   Cladismo   Biogeografia   | 32      | 19          | 0.594               | 78        | 35          | 0.449               | 5180     | 1823        | 0.352               |
| 241   | 4007    | 5941   | 168729 | <a href="#">Marina Piacenti Da Silva</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">JúlioMesquitFilho</a>  | 32      | 21          | 0.656               | 80        | 44          | 0.550               | 5163     | 3209        | 0.622               |
| 1143  | 4008    | 5943   | 168749 | <a href="#">Maria Julia Kovács</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Social Sciences / Psychology</a><br>Psicologia   | 32      | 21          | 0.656               | 66        | 31          | 0.470               | 5149     | 1849        | 0.359               |
| 1144  | 4009    | 5946   | 168822 | <a href="#">Valdeir Arantes</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">LoreEngineering</a><br>Nanocellulose   Biorefinery   Cellulases   lignin nanoparticles   | 32      | 26          | 0.813               | 47        | 37          | 0.787               | 5108     | 2872        | 0.562               |
| 1145  | 4010    | 5947   | 168824 | <a href="#">Tereza Mendes</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Physics</a>   | 32      | 16          | 0.500               | 64        | 24          | 0.375               | 5106     | 1170        | 0.229               |
| 1146  | 4011    | 5948   | 168836 | <a href="#">Chuck S Farah</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Bacterial Secretion Systems Bacterial Signaling Structural Biology </a><br>Bacterial Secretion Systems   Bacterial Signaling   Structural Biology                | 32      | 19          | 0.594               | 62        | 32          | 0.516               | 5098     | 1424        | 0.279               |
| 158   | 4012    | 5950   | 168968 | <a href="#">Veronica Calado</a>                  |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">universidadefederalriojaneiro</a><br>Rheology   Thermal Analysis   Design of Experiments   Materials   Transport Phenomena                                       | 32      | 25          | 0.781               | 68        | 50          | 0.735               | 5006     | 3051        | 0.609               |
| 1147  | 4013    | 5951   | 169011 | <a href="#">Maria Aparecida Nagai</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medicina da UniversidSãofo Paulo</a><br>oncologia   câncer de mama   genética molecular  | 32      | 15          | 0.469               | 61        | 24          | 0.393               | 4984     | 887         | 0.178               |
| 15  | 4014    | 5952   | 169028 | <a href="#">Valerio Marra</a>                    |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                           | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Dark Energy   General Relativity   Gravitational lensing   | 32      | 24          | 0.750               | 60        | 50          | 0.833               | 4976     | 3436        | 0.691               |
| 1148  | 4015    | 5953   | 169057 | <a href="#">André Schmidt</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">MedicalRibeiraoPreto</a>   | 32      | 23          | 0.719               | 90        | 52          | 0.578               | 4959     | 2259        | 0.456               |
| 1149  | 4016    | 5954   | 169118 | <a href="#">Emma Otta</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">etologia   psicologia evolucionista  </a>  | 32      | 17          | 0.531               | 60        | 35          | 0.583               | 4924     | 1819        | 0.369               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 4017    | 5955   | 169124 | <a href="#">Luiz Henrique De Figueiredo</a>              |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Graphics   Computational Mathematics  | 32      | 12          | 0.375               | 64        | 16          | 0.250               | 4922     | 898         | 0.182               |
| 34  | 4018    | 5956   | 169134 | <a href="#">Maria Do Carmo Fernandez Lourenço Haddad</a> |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                                   | Enfermagem. Gestão de serviços de enfermagem. Saude do Trabalhador. Assistencia ao Diabetes Mellitus  | 32      | 23          | 0.719               | 140       | 92          | 0.657               | 4915     | 2815        | 0.573               |
| 6   | 4019    | 5957   | 169185 | <a href="#">Andre Figueiredo Reis</a>                    |  Brazil   | <a href="#">Universidade Guarulhos UNG</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 32      | 21          | 0.656               | 65        | 47          | 0.723               | 4877     | 1749        | 0.359               |
| 186   | 4020    | 5958   | 169189 | <a href="#">Maria Da Consolação Vieira Moreira</a>       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                           | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   | 32      | 19          | 0.594               | 67        | 41          | 0.612               | 4875     | 1937        | 0.397               |
| 1150  | 4021    | 5961   | 169205 | <a href="#">Wilson Mathias Junior</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                       | <a href="#">Heartos</a><br>Echocardiography   Coronary heart disease  | 32      | 16          | 0.500               | 83        | 34          | 0.410               | 4863     | 1630        | 0.335               |
| 296   | 4022    | 5962   | 169248 | <a href="#">Ricardo Mendes Pereira</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                           |   | 32      | 23          | 0.719               | 88        | 57          | 0.648               | 4842     | 3061        | 0.632               |
| 159   | 4023    | 5964   | 169329 | <a href="#">Djalma Falcao</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems   | 32      | 14          | 0.438               | 67        | 20          | 0.299               | 4796     | 1066        | 0.222               |
| 25  | 4024    | 5966   | 169346 | <a href="#">Marley Vellasco</a>                          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computational Intelligence   Machine Learning   Neural Networks   Fuzzy Logic   Evolutionary Computation | 32      | 19          | 0.594               | 119       | 44          | 0.370               | 4788     | 1620        | 0.338               |
| 297   | 4025    | 5967   | 169357 | <a href="#">Laécio Carvalho De Barros</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                           | <a href="#">Natural Sciences / Mathematics</a>  | 32      | 25          | 0.781               | 79        | 46          | 0.582               | 4782     | 2068        | 0.432               |
| 1151  | 4026    | 5968   | 169401 | <a href="#">Irineu Tadeu Velasco</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                       | <a href="#">UniversidSão Paulo</a><br>hypertonic  | 32      | 19          | 0.594               | 87        | 36          | 0.414               | 4762     | 1059        | 0.222               |
| 38  | 4027    | 5972   | 169549 | <a href="#">Jean Nunes Dos Santos</a>                    |  Brazil | <a href="#">Universidade Federal da Bahia</a>                                       | <a href="#">UFBABahia</a><br>Full Professor of oral and maxillofacial pathology and general pathology   | 32      | 21          | 0.656               | 150       | 75          | 0.500               | 4685     | 2326        | 0.496               |
| 1   | 4028    | 5976   | 169629 | <a href="#">Marcus Barreto Conde</a>                     |  Brazil | <a href="#">Faculdade de Medicina de Petropolis e Faculdade Arthur Sa Earp Neto</a> | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Ciências da saúde   | 32      | 19          | 0.594               | 55        | 31          | 0.564               | 4645     | 1583        | 0.341               |



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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 160   | 4029    | 5978   | 169719 | <a href="#">Marcus B Conde</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | Ciências da saúde   | 32      | 20          | 0.625               | 55        | 35          | 0.636               | 4600     | 1878        | 0.408               |
| 35  | 4030    | 5980   | 169762 | <a href="#">Ney Laert Vilar Calazans</a>     | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">the TechnologyPUCRS</a><br>Digital Circuits   Asynchronous Circuits   Networks on Chip   Microelectronics   | 32      | 12          | 0.375               | 89        | 23          | 0.258               | 4581     | 849         | 0.185               |
| 60  | 4031    | 5983   | 169843 | <a href="#">Silvio Marques Zanata</a>        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociência   bioquímica   imunologia  | 32      | 19          | 0.594               | 54        | 41          | 0.759               | 4546     | 1227        | 0.270               |
| 99  | 4032    | 5986   | 169882 | <a href="#">Dalton Andrade</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Natural Sciences / Statistics</a><br>Estatística   Métodos Quantitativos para Avaliação Educacional   | 32      | 21          | 0.656               | 84        | 51          | 0.607               | 4532     | 1884        | 0.416               |
| 67  | 4033    | 5987   | 169920 | <a href="#">Tomas De Aquino Guimaraes</a>    | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Business &amp; Management / Business Administration</a><br>Administration of Justice   Judicial Management   Management Innovation                      | 32      | 24          | 0.750               | 68        | 42          | 0.618               | 4518     | 1813        | 0.401               |
| 1152  | 4034    | 5988   | 169933 | <a href="#">Carlos Eduardo Ambrósio</a>      | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Anatomy</a><br>células tronco   placenta   morfologia   | 32      | 22          | 0.688               | 117       | 66          | 0.564               | 4513     | 2020        | 0.448               |
| 170   | 4035    | 5989   | 169975 | <a href="#">Rosa Maria Vicari</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Inteligência Artificial   Intelligent Tutoring Systems   Informatics in Education                | 32      | 13          | 0.406               | 121       | 20          | 0.165               | 4494     | 773         | 0.172               |
| 68  | 4036    | 5990   | 169977 | <a href="#">Dirce Guilhem</a>                | <br><a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Bioética Ética em Pesquisa QualidVida Saúda Mulher </a><br>Bioética   Ética em Pesquisa   Integridade Científica   Políticas Públicas   Saúde da Mulher | 32      | 23          | 0.719               | 92        | 47          | 0.511               | 4493     | 1802        | 0.401               |
| 242   | 4037    | 5991   | 170001 | <a href="#">Marcelo Ferrarezi De Andrade</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Estética   Resina composta   Laser   Clareamento Dental   Pinos Intra-radulares                          | 32      | 22          | 0.688               | 102       | 52          | 0.510               | 4484     | 2109        | 0.470               |
| 1153  | 4038    | 5992   | 170034 | <a href="#">Alexandre Vaz Pires</a>          | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e Reprodução de Ruminantes  | 32      | 20          | 0.625               | 124       | 54          | 0.435               | 4468     | 1776        | 0.397               |
| 34  | 4039    | 5995   | 170095 | <a href="#">Aura Conci</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Processing   Computer Graphics   Pattern Recognition   Biomedical Applications             | 32      | 22          | 0.688               | 109       | 62          | 0.569               | 4444     | 2093        | 0.471               |
| 298   | 4040    | 5996   | 170099 | <a href="#">Juliana Carvalho Santos</a>      | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   Câncer  | 32      | 21          | 0.656               | 88        | 55          | 0.625               | 4443     | 2630        | 0.592               |
| 61  | 4041    | 5997   | 170104 | <a href="#">Paulo Henrique Zannin</a>        | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Paraná</a>                              | poluição sonora   acústica de edificações   acústica de salas   poluição sonora ambiental   poluição sonora industrial  | 32      | 23          | 0.719               | 60        | 47          | 0.783               | 4441     | 2098        | 0.472               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 77  | 4042    | 5999   | 170120 | <a href="#">Juliana Freitas-Astua</a>       |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant virology   molecular biology  | 32      | 23          | 0.719               | 85        | 50          | 0.588               | 4436     | 2503        | 0.564               |
| 26  | 4043    | 6002   | 170220 | <a href="#">Marcelo C Medeiros</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Economics &amp; Econometrics / Economics</a><br>Econometrics  | 32      | 19          | 0.594               | 56        | 38          | 0.679               | 4396     | 1956        | 0.445               |
| 1154  | 4044    | 6003   | 170229 | <a href="#">Eduardo Amaral Haddad</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economics   Regional Science   Regional Economics   Input-output   Computable General Equilibrium                   | 32      | 21          | 0.656               | 99        | 53          | 0.535               | 4392     | 2014        | 0.459               |
| 187   | 4045    | 6004   | 170265 | <a href="#">Sebastião Pádua</a>             |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Physics</a><br>quantum information   quantum optics   atomic physics   nonlinear optics  | 32      | 16          | 0.500               | 57        | 27          | 0.474               | 4382     | 1278        | 0.292               |
| 6   | 4046    | 6005   | 170304 | <a href="#">Cassandro Amarante</a>          |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Biologia e Tecnologia Pós-Colheita   | 32      | 21          | 0.656               | 106       | 50          | 0.472               | 4367     | 1720        | 0.394               |
| 1155  | 4047    | 6006   | 170357 | <a href="#">Luiza Akiko Komura Hoga</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">dem</a><br>Saúde Sexual   Reprodutiva e da Mulher. Enfermagem Obstétrica. Cuidado Cultural. Perspectiva Masculina da Saúde da                                       | 32      | 20          | 0.625               | 79        | 38          | 0.481               | 4350     | 2231        | 0.513               |
| 69  | 4048    | 6008   | 170385 | <a href="#">Mario Siqueira</a>              |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Energia Solar   Energia Eólica   Interação Biosfera Atmosfera   Processos de Camada Limite Atmosférica | 32      | 20          | 0.625               | 45        | 29          | 0.644               | 4340     | 1199        | 0.276               |
| 25  | 4049    | 6009   | 170434 | <a href="#">Iuri Goulart Baseia</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Mycology   Macrofungi   Gasteroid fungi   taxonomy   systematics   | 32      | 20          | 0.625               | 115       | 59          | 0.513               | 4325     | 2639        | 0.610               |
| 1   | 4050    | 6010   | 170436 | <a href="#">Ovidiu Constantin Baltatu</a>   |  Brazil | <a href="#">Business School São Paulo</a>                                  | <a href="#">Medical and Health Sciences / Medical Physiology</a><br>Translational Medicine   Medical Pharmacology and Therapeutics   Preventive Medicine                        | 32      | 18          | 0.563               | 58        | 32          | 0.552               | 4324     | 1711        | 0.396               |
| 5   | 4051    | 6012   | 170453 | <a href="#">Márcio Luís Andrade E Silva</a> |  Brazil | <a href="#">Universidade de Franca UNIFRAN</a>                             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Farmacologia   | 32      | 21          | 0.656               | 105       | 63          | 0.600               | 4318     | 1891        | 0.438               |
| 1156  | 4052    | 6013   | 170454 | <a href="#">Marcelo Seido Nagano</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | Knowledge management   Innovation   Innovation Management   Operations research   Scheduling  | 32      | 24          | 0.750               | 102       | 74          | 0.725               | 4318     | 2588        | 0.599               |
| 188   | 4053    | 6015   | 170517 | <a href="#">Aline Cristine Souza Lopes</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   | 32      | 24          | 0.750               | 84        | 61          | 0.726               | 4289     | 2817        | 0.657               |
| 38  | 4054    | 6016   | 170529 | <a href="#">Branca Heloisa Oliveira</a>     |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cariology   Pediatric Dentistry   Systematic Reviews   Evidence Based Dentistry   Quality of Life                    | 32      | 26          | 0.813               | 49        | 39          | 0.796               | 4286     | 2257        | 0.527               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 299   | 4055    | 6018   | 170567 | <a href="#">F Alvarez</a>                            | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Natural Sciences / Physics</a><br>Hard Coatings   Electron Spectroscopy (XPS)   Amorphous Semiconductors   Nano-Structures   Plasma Nitriding                       | 32      | 17          | 0.531               | 105       | 44          | 0.419               | 4273     | 1129        | 0.264               |
| 8   | 4056    | 6019   | 170581 | <a href="#">Decio Brunoni</a>                        | <br>Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetic Developmental Disorders  | 32      | 17          | 0.531               | 78        | 35          | 0.449               | 4270     | 1118        | 0.262               |
| 161   | 4057    | 6020   | 170599 | <a href="#">Antonio Galina</a>                       | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Biological Science</a><br>Biology   Biochemistry   Bioenergetics   | 32      | 22          | 0.688               | 71        | 49          | 0.690               | 4264     | 2180        | 0.511               |
| 300   | 4058    | 6021   | 170614 | <a href="#">HE Hernandez Figueroa</a>                | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Electromagnetics   Photonics   Microwaves   Antennas   RFID                           | 32      | 20          | 0.625               | 94        | 31          | 0.330               | 4260     | 1430        | 0.336               |
| 26  | 4059    | 6023   | 170669 | <a href="#">Luciano Morais Lião</a>                  | <br>Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>         | RMN   NMR   | 32      | 26          | 0.813               | 99        | 79          | 0.798               | 4241     | 2573        | 0.607               |
| 1157  | 4060    | 6025   | 170735 | <a href="#">Jorge Alberto Marques Rezende</a>        | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">UniversidSão Paulo</a><br>Fitopatologia e Virologia Vegetal   | 32      | 19          | 0.594               | 92        | 50          | 0.543               | 4221     | 1576        | 0.373               |
| 301   | 4061    | 6026   | 170782 | <a href="#">Leticia Marin Leon</a>                   | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">SaúColetivFCMunicamp</a><br>Acidentes de Trânsito   Suicídio   Insegurança Alimentar   Obesidade   Tuberculose  | 32      | 21          | 0.656               | 56        | 34          | 0.607               | 4203     | 1453        | 0.346               |
| 1158  | 4062    | 6027   | 170824 | <a href="#">Eduardo Hernández</a>                    | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Abstract differential equations   neutral differential equations   differential equations in abstract spaces | 32      | 18          | 0.563               | 66        | 32          | 0.485               | 4190     | 1385        | 0.331               |
| 29  | 4063    | 6028   | 170859 | <a href="#">Mario Cesar Guerreiro</a>                | <br>Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Quimica   | 32      | 22          | 0.688               | 76        | 45          | 0.592               | 4179     | 1702        | 0.407               |
| 4   | 4064    | 6031   | 170875 | <a href="#">Victor Manuel Balcão</a>                 | <br>Brazil | <a href="#">Universidade de Sorocaba</a>                  | <a href="#">University of Sorocaba (Sorocaba, Brazil)</a><br>Structural and Functional Stabilization of Protein Entities  | 32      | 22          | 0.688               | 57        | 39          | 0.684               | 4174     | 1796        | 0.430               |
| 16  | 4065    | 6032   | 170882 | <a href="#">Adolfo Liao</a>                          | <br>Brazil | <a href="#">Hospital Israelita Albert Einstein</a>        | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>obstetrícia   medicina fetal   | 32      | 18          | 0.563               | 56        | 23          | 0.411               | 4171     | 955         | 0.229               |
| 1159  | 4066    | 6035   | 170948 | <a href="#">Edwiges Ferreira De Mattos Silveiras</a> | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Social Sciences / Psychology</a><br>Parent training   Enuresis   Preventive Psychology  | 32      | 18          | 0.563               | 84        | 35          | 0.417               | 4152     | 1467        | 0.353               |
| 102   | 4067    | 6036   | 170959 | <a href="#">Helena Maria Calil</a>                   | <br>Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a> | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   Psicobiologia   transtornos do humor  | 32      | 12          | 0.375               | 59        | 14          | 0.237               | 4148     | 766         | 0.185               |
| 302   | 4068    | 6037   | 170976 | <a href="#">Claudia Regina Cavaglieri</a>            | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>envelhecimento   sistema imunológico   inflamação   exercício   obesidade   | 32      | 25          | 0.781               | 87        | 63          | 0.724               | 4142     | 2723        | 0.657               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 243   | 4069    | 6039   | 171041 | <a href="#">Paulo Sergio Cerri</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Oral   | 32      | 22          | 0.688               | 69        | 52          | 0.754               | 4124     | 2873        | 0.697               |
| 103   | 4070    | 6040   | 171067 | <a href="#">Mauro Silveira De Queiroz Campos</a>      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Oftalmopatias   procedimentos cirúrgicos oftalmológicos   eye diseases   ophthalmologic surgical procedures | 32      | 15          | 0.469               | 79        | 29          | 0.367               | 4116     | 917         | 0.223               |
| 35  | 4071    | 6041   | 171077 | <a href="#">Maria Angelica Ehara Watanabe</a>         |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetic   immunology  | 32      | 18          | 0.563               | 102       | 55          | 0.539               | 4112     | 1864        | 0.453               |
| 104   | 4072    | 6042   | 171078 | <a href="#">Wagner Rodrigues Valente</a>              |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Education / Mathematics and Science Education</a><br>educação matemática   história da educação matemática   | 32      | 23          | 0.719               | 91        | 53          | 0.582               | 4112     | 2232        | 0.543               |
| 244   | 4073    | 6043   | 171082 | <a href="#">Paulo Sérgio Cerri</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Histologia e Biologia Celular  | 32      | 22          | 0.688               | 69        | 52          | 0.754               | 4112     | 2862        | 0.696               |
| 1160  | 4074    | 6045   | 171096 | <a href="#">Marcio Rodrigues Lambais</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   ecologia microbiana   micorrizas   filosfera   microbiologia do solo                         | 32      | 16          | 0.500               | 55        | 29          | 0.527               | 4108     | 1110        | 0.270               |
| 10  | 4075    | 6046   | 171130 | <a href="#">Ana Cristina Figueiredo De Melo Costa</a> |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                 | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia   materiais magnéticos   Sínteses química   biomateriais                   | 32      | 20          | 0.625               | 74        | 40          | 0.541               | 4100     | 1617        | 0.394               |
| 162   | 4076    | 6047   | 171164 | <a href="#">Frederico Wanderley Tavares</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 |  | 32      | 20          | 0.625               | 96        | 46          | 0.479               | 4091     | 1757        | 0.429               |
| 114   | 4077    | 6049   | 171185 | <a href="#">Carlos Augusto Grabois Gadelha</a>        |  Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador Fiocruz</a><br>Desenvolvimento   Inovação   Saúde  | 32      | 22          | 0.688               | 70        | 43          | 0.614               | 4086     | 1703        | 0.417               |
| 1161  | 4078    | 6051   | 171190 | <a href="#">Silvia Rossi</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>astrofísica estelar e galáctica  | 32      | 21          | 0.656               | 48        | 33          | 0.688               | 4085     | 1222        | 0.299               |
| 1162  | 4079    | 6053   | 171204 | <a href="#">Renato Sanches Freire</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>química ambiental   sensores   processos oxidativos avançados  | 32      | 18          | 0.563               | 49        | 32          | 0.653               | 4080     | 1041        | 0.255               |
| 75  | 4080    | 6055   | 171223 | <a href="#">Márcio Raymundo Morelli</a>               |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Cerâmicos   Resíduos Inorgânicos                                     | 32      | 21          | 0.656               | 70        | 40          | 0.571               | 4074     | 1567        | 0.385               |
| 23  | 4081    | 6056   | 171249 | <a href="#">Eduardo Cerqueira</a>                     |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">(UFPA)</a><br>Multimedia   Future Internet   Quality of Experience   Mobility and Urban Computing  | 32      | 23          | 0.719               | 110       | 61          | 0.555               | 4064     | 2246        | 0.553               |
| 2   | 4082    | 6058   | 171284 | <a href="#">Sandro Menezes Silva</a>                  |  Brazil | <a href="#">Universidade Federal da Grande Dourados UFGD</a>           | <a href="#">Epítas vasculares   conservação da biodiversidade   áreas naturais protegidas  </a>  | 32      | 16          | 0.500               | 62        | 25          | 0.403               | 4056     | 1379        | 0.340               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1163  | 4083    | 6059   | 171290 | <a href="#">José Antônio Frizzone</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">ESALO/P</a><br>Irrigação   | 32      | 17          | 0.531               | 125       | 38          | 0.304               | 4054     | 1288        | 0.318               |
| 1164  | 4084    | 6060   | 171291 | <a href="#">Mirian N Sotto</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Dermatologia   Patologia  | 32      | 18          | 0.563               | 115       | 41          | 0.357               | 4054     | 1484        | 0.366               |
| 19  | 4085    | 6061   | 171322 | <a href="#">Andre Santarosa Ferlauto</a>         |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Nanomaterials   thin films   optical properties   ellipsometry   photovoltaics | 32      | 17          | 0.531               | 70        | 30          | 0.429               | 4043     | 1162        | 0.287               |
| 10  | 4086    | 6062   | 171326 | <a href="#">Fernando Antonio Ribeiro Serra</a>   |  Brazil   | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">Business &amp; Management / Strategic Management</a><br>estratégia   declínio organizacional   CEO   tomada de decisão   | 32      | 21          | 0.656               | 106       | 54          | 0.509               | 4042     | 1909        | 0.472               |
| 1165  | 4087    | 6064   | 171348 | <a href="#">Salete Linhares Queiroz</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   educação química   | 32      | 18          | 0.563               | 84        | 46          | 0.548               | 4035     | 1603        | 0.397               |
| 1166  | 4088    | 6065   | 171388 | <a href="#">Claudia Kimie Suemoto</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Neuroscience   Aging   | 32      | 31          | 0.969               | 91        | 82          | 0.901               | 4025     | 3478        | 0.864               |
| 27  | 4089    | 6066   | 171409 | <a href="#">Milton Adriano Pelli De Oliveira</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      |  | 32      | 21          | 0.656               | 80        | 40          | 0.500               | 4020     | 1940        | 0.483               |
| 163   | 4090    | 6067   | 171415 | <a href="#">Franklin Serrano</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>teoria econômica   | 32      | 22          | 0.688               | 63        | 39          | 0.619               | 4019     | 1967        | 0.489               |
| 16  | 4091    | 6068   | 171469 | <a href="#">Angelica Espinosa Miranda</a>        |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Medicina   Saúde Pública   Doenças Infecciosas   | 32      | 22          | 0.688               | 105       | 68          | 0.648               | 4005     | 2086        | 0.521               |
| 245   | 4092    | 6069   | 171499 | <a href="#">Julio A Lombardi</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">SistemáticVegetal</a><br>sistemática vegetal   | 32      | 18          | 0.563               | 69        | 32          | 0.464               | 3996     | 1636        | 0.409               |
| 246   | 4093    | 6071   | 171538 | <a href="#">Eloi Dezan Junior</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 32      | 24          | 0.750               | 57        | 41          | 0.719               | 3986     | 1454        | 0.365               |
| 26  | 4094    | 6073   | 171551 | <a href="#">Telma Ribeiro Garcia</a>             |  Brazil  | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | Enfermagem - Sistemas de Classificação - Teorias de Enfermagem - Prática Profissional - Terminologia   | 32      | 19          | 0.594               | 93        | 36          | 0.387               | 3982     | 1282        | 0.322               |
| 1167  | 4095    | 6074   | 171559 | <a href="#">Luis Gustavo Marcassa</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física Atômica   | 32      | 13          | 0.406               | 71        | 17          | 0.239               | 3980     | 709         | 0.178               |
| 1168  | 4096    | 6076   | 171589 | <a href="#">Elisabete A De Nadai Fernandes</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Energia Nuclear   Química   Metrologia   Qualidade   Materiais de Referência                         | 32      | 23          | 0.719               | 104       | 59          | 0.567               | 3973     | 2069        | 0.521               |
| 164   | 4097    | 6078   | 171600 | <a href="#">Elizabeth Silaid Muxfeldt</a>        |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">UFRJand/orUNESA</a><br>Hypertesion   Resistant Hypertension   ABPM   | 32      | 20          | 0.625               | 52        | 40          | 0.769               | 3971     | 1887        | 0.475               |















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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 70  | 4098    | 6080   | 171604 | <a href="#">John Du Vall Hay</a>                 |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>plant population dynamics   biological invasion   | 32      | 19          | 0.594               | 72        | 35          | 0.486               | 3967     | 1148        | 0.289               |
| 1169  | 4099    | 6082   | 171651 | <a href="#">Silvio Moure Cicero</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>Tecnologia de Sementes   | 32      | 20          | 0.625               | 89        | 52          | 0.584               | 3956     | 1429        | 0.361               |
| 10  | 4100    | 6083   | 171661 | <a href="#">Miguel Sellitto</a>                  |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">UNISINOS</a><br>Advanced Manufacturing   Logistics   Supply Chain Management   Green Supply Chain Management   Reliability and Maintenance | 32      | 25          | 0.781               | 96        | 62          | 0.646               | 3953     | 2391        | 0.605               |
| 1170  | 4101    | 6084   | 171672 | <a href="#">Margareth Lara Capurro</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>Mosquitos Transgenicos   Aedes aegypti   | 32      | 19          | 0.594               | 65        | 34          | 0.523               | 3949     | 1800        | 0.456               |
| 247   | 4102    | 6088   | 171718 | <a href="#">Wanderley Melo</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">BiogeoquímicaAgráriasVeterináriasUniversidaâ€</a><br>Ciência do Solo   | 32      | 16          | 0.500               | 80        | 30          | 0.375               | 3936     | 1207        | 0.307               |
| 3   | 4103    | 6090   | 171729 | <a href="#">Flávio Alves</a>                     |  Brazil   | <a href="#">Universidade Estácio de Sá</a>                             | <a href="#">Medical and Health Sciences / Dentistry</a><br>endodontics   endodontia   dentistry   odontologia   microbiologia oral                     | 32      | 27          | 0.844               | 46        | 38          | 0.826               | 3934     | 2109        | 0.536               |
| 248   | 4104    | 6091   | 171730 | <a href="#">Marcelo Ornaghi Orlandi</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>sensors   ceramics   semiconductors   transport measurements   electron microscopy                       | 32      | 25          | 0.781               | 71        | 52          | 0.732               | 3933     | 2006        | 0.510               |
| 303   | 4105    | 6094   | 171798 | <a href="#">Heloise De Oliveira Pastore</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>ZEÓLITOS   PENEIRAS MOLECULARES   SÓLIDOS LAMELARES  | 32      | 19          | 0.594               | 88        | 43          | 0.489               | 3915     | 1418        | 0.362               |
| 7   | 4106    | 6097   | 171882 | <a href="#">Érico Pereira Gomes Felden</a>       |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>         | Desenvolvimento Humano   Ciclo Vigília/Sono   Qualidade de Vida   Aprendizagem Motora   Atividade Física e Saúde                                       | 32      | 26          | 0.813               | 95        | 62          | 0.653               | 3891     | 2341        | 0.602               |
| 11  | 4107    | 6098   | 171893 | <a href="#">Adriano Akira Hino</a>               |  Brazil   | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia da Atividade Física                                      | 32      | 27          | 0.844               | 50        | 49          | 0.980               | 3890     | 2246        | 0.577               |
| 35  | 4108    | 6099   | 171899 | <a href="#">João Reis</a>                        |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Engineering   Composite Materials   Polymers                       | 32      | 24          | 0.750               | 78        | 60          | 0.769               | 3888     | 2254        | 0.580               |
| 39  | 4109    | 6100   | 171917 | <a href="#">Zelinda Man Leao</a>                 |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Recifes de Corais   | 32      | 21          | 0.656               | 75        | 34          | 0.453               | 3883     | 1378        | 0.355               |
| 59  | 4110    | 6104   | 171997 | <a href="#">Gisella Zanin</a>                    |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Maringá</a><br>biocatálise   enzimas imobilizadas   lipase   celulase  | 32      | 21          | 0.656               | 84        | 37          | 0.440               | 3866     | 1230        | 0.318               |
| 3   | 4111    | 6106   | 172043 | <a href="#">Ademir Sérgio Ferreira de Araujo</a> |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">UNIVERSIDADE FEDERAL DO PIAUI</a><br>microbiologia do solo   ecologia do solo  | 32      | 22          | 0.688               | 97        | 68          | 0.701               | 3856     | 2190        | 0.568               |












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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 4112    | 6107   | 172088 | <a href="#">Aristofanes Correa Silva</a>                 |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Processamento de imagens. Reconhecimento de padrões. Biometria                                | 32      | 27          | 0.844               | 87        | 62          | 0.713               | 3843     | 2580        | 0.671               |
| 1171  | 4113    | 6108   | 172096 | <a href="#">Solange Guidolin Canniatti Brazaca</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>alimentos e nutrição  | 32      | 23          | 0.719               | 95        | 56          | 0.589               | 3842     | 2260        | 0.588               |
| 249   | 4114    | 6110   | 172131 | <a href="#">Rogerio Caetano Da Costa</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>biodiversidade   ecologia e dinamica populacional de Crustáceos Decapoda                                | 32      | 22          | 0.688               | 101       | 79          | 0.782               | 3835     | 1864        | 0.486               |
| 304   | 4115    | 6114   | 172228 | <a href="#">Jörg Schleicher</a>                          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Mathematics</a><br>Seismics   | 32      | 15          | 0.469               | 65        | 26          | 0.400               | 3814     | 752         | 0.197               |
| 1172  | 4116    | 6115   | 172244 | <a href="#">Pedro Takao Yamamoto</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Manejo Integrado de Pragas   | 32      | 23          | 0.719               | 90        | 43          | 0.478               | 3809     | 1657        | 0.435               |
| 305   | 4117    | 6118   | 172274 | <a href="#">Priscila Maria Stolses Bergamo Francisco</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 32      | 23          | 0.719               | 86        | 70          | 0.814               | 3803     | 2126        | 0.559               |
| 17  | 4118    | 6119   | 172290 | <a href="#">Oscar Pavão</a>                              |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Universidade federal de são Paulo</a><br>nefrologia  | 32      | 20          | 0.625               | 76        | 41          | 0.539               | 3800     | 1144        | 0.301               |
| 1173  | 4119    | 6122   | 172327 | <a href="#">Angela Castoldi</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Fisiologia   Metabolismo  | 32      | 27          | 0.844               | 40        | 40          | 1.000               | 3792     | 2940        | 0.775               |
| 1174  | 4120    | 6123   | 172346 | <a href="#">Mauricio Parra</a>                           |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Sao Paulo</a><br>Basin Analysis   Thermochronology   Andean Geodynamics  | 32      | 28          | 0.875               | 51        | 49          | 0.961               | 3787     | 2146        | 0.567               |
| 1175  | 4121    | 6126   | 172365 | <a href="#">Enilza Maria Espreafico</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology   Cancer Biology   Cell and organelle motility   Apoptosis   Non-coding RNAs | 32      | 15          | 0.469               | 56        | 28          | 0.500               | 3781     | 698         | 0.185               |
| 19  | 4122    | 6128   | 172377 | <a href="#">Roberto Hiroki Miwa</a>                      |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física   Matéria Condensada  | 32      | 19          | 0.594               | 88        | 43          | 0.489               | 3776     | 1355        | 0.359               |
| 115   | 4123    | 6129   | 172386 | <a href="#">Cynthia Braga</a>                            |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador em Saúde Pública, Fundação Oswaldo Cruz</a><br>Infectious Disease Epidemiology   | 32      | 22          | 0.688               | 55        | 33          | 0.600               | 3773     | 1965        | 0.521               |
| 1176  | 4124    | 6130   | 172428 | <a href="#">Renato Anghinah</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia  | 32      | 21          | 0.656               | 70        | 42          | 0.600               | 3764     | 1681        | 0.447               |
| 1177  | 4125    | 6131   | 172437 | <a href="#">Ricardo Cavalli</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>High risk pregnancy   ultrasound   preeclampsia                                       | 32      | 23          | 0.719               | 95        | 71          | 0.747               | 3761     | 2038        | 0.542               |
| 250   | 4126    | 6132   | 172454 | <a href="#">Massao Ionashiro</a>                         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 32      | 15          | 0.469               | 106       | 33          | 0.311               | 3755     | 1009        | 0.269               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 62  | 4127    | 6133   | 172459 | <a href="#">Ivo Alexandre Hümmelgen</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Physics</a><br>Física Aplicada   Eletrônica Orgânica   Materiais Avançados   | 32      | 14          | 0.438               | 116       | 26          | 0.224               | 3754     | 777         | 0.207               |
| 48  | 4128    | 6135   | 172540 | <a href="#">Paulo Cícero Nascimento</a><br><a href="#">Paulo Cícero Do Nascimento</a><br><a href="#">Paulo Nascimento Pc Nascimento</a><br><a href="#">P Nascimento</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 32      | 18          | 0.563               | 103       | 40          | 0.388               | 3733     | 1241        | 0.332               |
| 306   | 4129    | 6138   | 172575 | <a href="#">Marcelo Falsarella Carazzolle</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica   Transcriptômica   Interactoma   Biologia de Sistemas                  | 32      | 25          | 0.781               | 78        | 57          | 0.731               | 3728     | 1926        | 0.517               |
| 251   | 4130    | 6139   | 172597 | <a href="#">Alessandro Moura Zagatto</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Physical Education  | 32      | 26          | 0.813               | 108       | 79          | 0.731               | 3723     | 2487        | 0.668               |
| 9   | 4131    | 6141   | 172745 | <a href="#">Gilberto Marcos De Mendonça Santos</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>         | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   biologia   zoologia   entomologia   | 32      | 18          | 0.563               | 81        | 45          | 0.556               | 3693     | 1340        | 0.363               |
| 307   | 4132    | 6143   | 172781 | <a href="#">Tania Forster Carneiro</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Bioengenharia e Biotecnologia  | 32      | 29          | 0.906               | 62        | 57          | 0.919               | 3683     | 2490        | 0.676               |
| 100   | 4133    | 6144   | 172789 | <a href="#">Guilherme Carpena Lopes</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Resina Composta   Cerâmica   Microscopia Eletrônica   Clareamento Dental   Sistemas Adesivos | 32      | 17          | 0.531               | 50        | 33          | 0.660               | 3681     | 1211        | 0.329               |
| 7   | 4134    | 6146   | 172814 | <a href="#">André Luiz Lourenção</a>  |  <a href="#">Brazil</a> | <a href="#">Instituto Agrônomo</a>                                     | <a href="#">Pesquisador, Instituto Agrônomo (IAC)</a><br>Entomologia agrícola   | 32      | 17          | 0.531               | 105       | 46          | 0.438               | 3675     | 1270        | 0.346               |
| 78  | 4135    | 6147   | 172831 | <a href="#">Carlos Manoel Pedro Vaz</a>   |  <a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Instrumentação</a><br>Física do Solo   Instrumentação   Manejo e Conservação do Solo  | 32      | 17          | 0.531               | 60        | 29          | 0.483               | 3672     | 1134        | 0.309               |
| 2   | 4136    | 6148   | 172835 | <a href="#">Lourdes Conceição Martins</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Católica de Santos UNISANTOS</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   poluição do ar   vacinas   análise espacial             | 32      | 20          | 0.625               | 52        | 39          | 0.750               | 3672     | 1312        | 0.357               |
| 1178  | 4137    | 6149   | 172859 | <a href="#">Simone Cecilio Hallak Regalo</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 32      | 19          | 0.594               | 90        | 57          | 0.633               | 3668     | 1831        | 0.499               |

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| University  | Country | Region | World  | Name                                       | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 308   | 4138    | 6150   | 172885 | <a href="#">Albina Altemani</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia de Cabeça e Pescoço   Citogenética   | 32      | 17          | 0.531               | 115       | 58          | 0.504               | 3661     | 1448        | 0.396               |
| 1179  | 4139    | 6151   | 172886 | <a href="#">José Maurício Simões Bento</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">ESALO</a><br>chemical ecology   insect behaviour   plant-insect interactions   pheromones   chemical communication  | 32      | 22          | 0.688               | 98        | 60          | 0.612               | 3661     | 1850        | 0.505               |
| 309   | 4140    | 6152   | 172912 | <a href="#">Secundino Soares</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Sistemas de Energia Elétrica   Planejamento da Operação   | 32      | 14          | 0.438               | 76        | 23          | 0.303               | 3656     | 704         | 0.193               |
| 116   | 4141    | 6154   | 172922 | <a href="#">Christina Alves Peixoto</a>    |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Instituto Aggeu magalhães</a><br>inflamação   neuroinflamação   anti-inflamatórios  | 32      | 22          | 0.688               | 96        | 62          | 0.646               | 3654     | 2139        | 0.585               |
| 3   | 4142    | 6157   | 172943 | <a href="#">Maria Rita Loureiro</a>        |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora de Ciência Política, Fundação Getúlio Vargas</a><br>Políticas Públicas   Reforma do Estado   | 32      | 18          | 0.563               | 52        | 30          | 0.577               | 3651     | 1331        | 0.365               |
| 36  | 4143    | 6158   | 172960 | <a href="#">Leila Silva</a>                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>  | <a href="#">MetodologiaAplicPsicologia1</a><br>Saúde Da Mulher Câncer no colo do útero  | 32      | 21          | 0.656               | 84        | 42          | 0.500               | 3647     | 1691        | 0.464               |
| 310   | 4144    | 6160   | 172981 | <a href="#">Giselle Maria Marchi</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia  | 32      | 20          | 0.625               | 67        | 47          | 0.701               | 3643     | 1427        | 0.392               |
| 252   | 4145    | 6161   | 172986 | <a href="#">Marcelo De Almeida Silva</a>   |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ecofisiologia da Produção Agrícola   | 32      | 22          | 0.688               | 73        | 40          | 0.548               | 3642     | 1746        | 0.479               |
| 7   | 4146    | 6162   | 172987 | <a href="#">Felipe Linares</a>             |  Brazil | <a href="#">Instituto Nacional de Matemática Pura e Aplicada</a>                                 | <a href="#">IMPA</a><br>Nonlinear Dispersive Equations  | 32      | 22          | 0.688               | 62        | 55          | 0.887               | 3642     | 1791        | 0.492               |
| 189   | 4147    | 6163   | 172991 | <a href="#">Walmir Matos Caminhas</a>      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Fault Diagnostics   Fault Prognostics   Fuzzy Systems   Artificial intelligence   Artificial Immune Systems | 32      | 20          | 0.625               | 68        | 36          | 0.529               | 3641     | 1469        | 0.403               |
| 311   | 4148    | 6164   | 173022 | <a href="#">Alcides José Scaglia</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Education / Education</a><br>educação física   ciências do esporte   pedagogia do esporte   futebol   pedagogia do jogo   | 32      | 25          | 0.781               | 73        | 60          | 0.822               | 3634     | 2134        | 0.587               |
| 1180  | 4149    | 6166   | 173063 | <a href="#">Maria Notomi Sato</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>imunologia   | 32      | 20          | 0.625               | 87        | 54          | 0.621               | 3627     | 2159        | 0.595               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1181  | 4150    | 6167   | 173095 | <a href="#">Maria Notomi Sato</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Imunologia   | 32      | 20          | 0.625               | 87        | 54          | 0.621               | 3620     | 2155        | 0.595               |
| 24  | 4151    | 6168   | 173096 | <a href="#">Marta Chagas Monteiro</a>         |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>medicina   microbiologia   farmácia   biológicas   imunologia   | 32      | 24          | 0.750               | 77        | 64          | 0.831               | 3620     | 2800        | 0.773               |
| 36  | 4152    | 6170   | 173157 | <a href="#">Iice Mara De Syllos Colus</a>     |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Mutagênese   Cancer   Antimutagenese   Transplante renal   Marcadores moleculares                          | 32      | 18          | 0.563               | 78        | 46          | 0.590               | 3605     | 1173        | 0.325               |
| 27  | 4153    | 6171   | 173169 | <a href="#">Rubens Sampaio</a>                |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Mathematics</a><br>Applied Mathematics   Mechanical Engineering   Mechanics   Signal Processing   Stochastics                                      | 32      | 20          | 0.625               | 84        | 39          | 0.464               | 3602     | 1467        | 0.407               |
| 40  | 4154    | 6172   | 173187 | <a href="#">Ailton Melo</a>                   |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              | <a href="#">Medical and Health Sciences / Neuroscience</a>  | 32      | 21          | 0.656               | 75        | 37          | 0.493               | 3599     | 1209        | 0.336               |
| 36  | 4155    | 6173   | 173195 | <a href="#">Thereza A Soares</a>              |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">UniversidPernambuco</a><br>Computational Chemistry  | 32      | 22          | 0.688               | 55        | 40          | 0.727               | 3598     | 1815        | 0.504               |
| 253   | 4156    | 6174   | 173215 | <a href="#">Valéria Marçal Felix De Lima</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Immunology</a>  | 32      | 20          | 0.625               | 67        | 51          | 0.761               | 3593     | 1231        | 0.343               |
| 8   | 4157    | 6176   | 173265 | <a href="#">Dilmar Baretta</a>                |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Biologia do solo   Ecotoxicologia   Análise Multivariada   Indicadores de qualidade   relação solo-clima-planta e animal | 32      | 26          | 0.813               | 93        | 80          | 0.860               | 3581     | 2481        | 0.693               |
| 1182  | 4158    | 6177   | 173281 | <a href="#">Ana Lucia Da Costa Darini</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética da resistência a antibióticos   epidemiologia molecular   infecções bacterianas                   | 32      | 20          | 0.625               | 83        | 47          | 0.566               | 3577     | 1366        | 0.382               |
| 1183  | 4159    | 6179   | 173333 | <a href="#">Heráclito Barbosa De Carvalho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medicin</a><br>drogas e aids   estilo de vida   comportamento   adolescentes  | 32      | 23          | 0.719               | 69        | 44          | 0.638               | 3566     | 1533        | 0.430               |
| 1184  | 4160    | 6180   | 173338 | <a href="#">Valdemar Luiz Tornisielo</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Ecotoxicologia  | 32      | 22          | 0.688               | 87        | 63          | 0.724               | 3564     | 2044        | 0.574               |
| 190   | 4161    | 6184   | 173372 | <a href="#">Rodolfo Cordeiro Giunchetti</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Imunologia   Vacina   Tratamento   leishmaniose visceral  | 32      | 22          | 0.688               | 61        | 47          | 0.770               | 3557     | 1428        | 0.401               |
| 8   | 4162    | 6186   | 173394 | <a href="#">Renata Gorjao</a>                 |  Brazil | <a href="#">Universidade Cruzeiro do Sul</a>                               | <a href="#">Medical and Health Sciences / Physiology</a><br>Sistema imune Fisiologia  | 32      | 22          | 0.688               | 64        | 46          | 0.719               | 3551     | 1640        | 0.462               |
| 254   | 4163    | 6187   | 173409 | <a href="#">Maria Odila Hilário Cioffi</a>    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">compósito RTM análise térmica ultra-som análise microscópica </a><br>compósito   RTM   análise térmica   ultra-som   análise microscópica                             | 32      | 25          | 0.781               | 77        | 65          | 0.844               | 3545     | 2205        | 0.622               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 171   | 4164    | 6189   | 173429 | <a href="#">Jacob Scharcanski</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">RioGrandeSulBrazil</a><br>image processing   computer vision   pattern recognition   image based measurements                     | 32      | 22          | 0.688               | 69        | 35          | 0.507               | 3540     | 1437        | 0.406               |
| 36  | 4165    | 6190   | 173435 | <a href="#">Karen Cherubini</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Estomatologia   Patologia   Medicina oral  | 32      | 24          | 0.750               | 81        | 53          | 0.654               | 3539     | 1801        | 0.509               |
| 1   | 4166    | 6191   | 173529 | <a href="#">Carlos Alfredo Lopes De Carvalho</a> |  Brazil   | <a href="#">Universidade Federal do Recôncavo da Bahia UFRB</a>             | <a href="#">RecÃ´ncavoBahia</a><br>Abelhas   Polinização   Produtos da colônia   Apicultura   Meliponicultura                                 | 32      | 20          | 0.625               | 85        | 54          | 0.635               | 3517     | 1831        | 0.521               |
| 1185  | 4167    | 6192   | 173530 | <a href="#">Sergio Britto Garcia</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Biologia do Câncer. Patologia do Tubo Digestivo   Bioética                           | 32      | 18          | 0.563               | 82        | 38          | 0.463               | 3517     | 1218        | 0.346               |
| 312   | 4168    | 6193   | 173538 | <a href="#">Jacks Jorge</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biometria   Carcinogênese   Reparo ósseo   | 32      | 19          | 0.594               | 79        | 43          | 0.544               | 3515     | 1284        | 0.365               |
| 105   | 4169    | 6195   | 173549 | <a href="#">Luciana Varanda Rizzo</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>atmospheric physics   air quality   aerosols   ozone | 32      | 29          | 0.906               | 42        | 38          | 0.905               | 3513     | 2011        | 0.572               |
| 60  | 4170    | 6196   | 173559 | <a href="#">José H Schoerer</a>                  |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Community Ecology   Biodiversity   Ants                                    | 32      | 18          | 0.563               | 65        | 35          | 0.538               | 3510     | 1340        | 0.382               |
| 1186  | 4171    | 6197   | 173618 | <a href="#">Renato Jardim</a>                    |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics  | 32      | 15          | 0.469               | 79        | 27          | 0.342               | 3496     | 842         | 0.241               |
| 41  | 4172    | 6200   | 173638 | <a href="#">Silvia Lima Costa</a>                |  Brazil | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociencias   Farmacologia   Imunologia                                       | 32      | 24          | 0.750               | 90        | 60          | 0.667               | 3491     | 2255        | 0.646               |
| 1187  | 4173    | 6201   | 173668 | <a href="#">Julio Cesar Rosa E Silva</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Endometriosis   Chronic Pelvic Pain   Gynecological Surgery        | 32      | 20          | 0.625               | 73        | 46          | 0.630               | 3486     | 1447        | 0.415               |
| 61  | 4174    | 6202   | 173672 | <a href="#">Benedito Rocha Vital</a>             |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">TecnologiaMadeiraLAPEMDEFUFV</a><br>Tecnologia da Madeira   | 32      | 19          | 0.594               | 96        | 39          | 0.406               | 3485     | 1410        | 0.405               |
| 28  | 4175    | 6204   | 173678 | <a href="#">Mariane Stefani</a>                  |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   infectious diseases   viral molecular epidemiology                   | 32      | 20          | 0.625               | 78        | 47          | 0.603               | 3484     | 1376        | 0.395               |
| 1188  | 4176    | 6206   | 173720 | <a href="#">Edna Regina Nakandakare</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Lípides</a><br>Metabolismo de lipoproteínas   dislipidemias   aterosclerose   | 32      | 19          | 0.594               | 73        | 48          | 0.658               | 3475     | 1353        | 0.389               |
| 76  | 4177    | 6207   | 173732 | <a href="#">Lucia Mascaro</a>                    |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletroquímica   corrosão   materiais  | 32      | 24          | 0.750               | 87        | 65          | 0.747               | 3473     | 1839        | 0.530               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 17  | 4178    | 6210   | 173781 | <a href="#">Ricardo Machado Kuster</a>                              |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>química de produtos naturais   química de petróleo  | 32      | 22          | 0.688               | 74        | 53          | 0.716               | 3462     | 1514        | 0.437               |
| 313   | 4179    | 6212   | 173833 | <a href="#">Theo Guenter Kieckbusch</a>                             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | Biofilmes ativos   estruturação de gorduras   CBA e CBE   fluidos supercríticos.  | 32      | 23          | 0.719               | 66        | 41          | 0.621               | 3453     | 1699        | 0.492               |
| 39  | 4180    | 6213   | 173839 | <a href="#">Joao Feres Junior</a>                                   |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Social Sciences / Social Sciences</a><br>Mídia e política   teoria política   ação afirmativa   relações raciais  | 32      | 23          | 0.719               | 87        | 52          | 0.598               | 3451     | 1749        | 0.507               |
| 29  | 4181    | 6216   | 173863 | <a href="#">Eliana Martins Lima</a>                                 |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmaceutical Nanotechnology / Drug delivery                                   | 32      | 25          | 0.781               | 80        | 67          | 0.838               | 3447     | 2444        | 0.709               |
| 1189  | 4182    | 6218   | 173878 | <a href="#">Rodrigo Vivan</a>                                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Cirurgia Parendodôntica   Cimentos obturadores  | 32      | 28          | 0.875               | 68        | 65          | 0.956               | 3444     | 2571        | 0.747               |
| 1   | 4183    | 6219   | 173911 | <a href="#">Claudia Santos Oliveira</a>                             |  Brazil   | <a href="#">Centro Universitário de Anápolis UNIEVANGÉLICA</a>  | Anápolis  | 32      | 24          | 0.750               | 85        | 64          | 0.753               | 3438     | 1934        | 0.563               |
| 42  | 4184    | 6221   | 173946 | <a href="#">Tania Mascarenhas Tavares Tania M Tavares T Tavares</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química ambiental   poluição   efeitos poluentes sobre a saúde   abatimento poluentes   gerenciamento ambiental | 32      | 16          | 0.500               | 55        | 25          | 0.455               | 3433     | 745         | 0.217               |
| 165   | 4185    | 6222   | 173981 | <a href="#">Pierre Mothé Esteves</a>                                |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotecnologia   fisico-química orgânica   | 32      | 19          | 0.594               | 78        | 32          | 0.410               | 3426     | 1193        | 0.348               |
| 27  | 4186    | 6226   | 174065 | <a href="#">Reinaldo Nobrega De Almeida</a>                         |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Social Sciences / Psychology</a><br>Psicofarmacologia   | 32      | 24          | 0.750               | 59        | 43          | 0.729               | 3409     | 1654        | 0.485               |
| 117   | 4187    | 6227   | 174070 | <a href="#">Rafael Maciel-De-Freitas</a>                            |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Entomology   vector ecology   ecology  | 32      | 27          | 0.844               | 52        | 51          | 0.981               | 3408     | 2085        | 0.612               |
| 172   | 4188    | 6228   | 174092 | <a href="#">Antonio Carlos Gastaud Macada</a>                       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">RioGrandeSul</a><br>Digital technologies impact   data governance   IS deviance   data monetization   | 32      | 19          | 0.594               | 82        | 51          | 0.622               | 3401     | 1694        | 0.498               |
| 49  | 4189    | 6229   | 174097 | <a href="#">Jean PG Minella</a>                                     |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | Erosion   Hydrology   | 32      | 25          | 0.781               | 72        | 59          | 0.819               | 3400     | 2133        | 0.627               |




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| University  | Country | Region | World  | Name                                      | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 255   | 4190    | 6230   | 174101 | <a href="#">Erick C Castelli</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | Immunogenetics   Bioinformatics  | 32      | 22          | 0.688               | 59        | 47          | 0.797               | 3400     | 1787        | 0.526               |
| 106   | 4191    | 6231   | 174115 | <a href="#">Brasilia Maria Chiari</a>     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Social Sciences / Linguistics and Literature</a><br>linguagem   audição   surdez   implante coclear   reabilitação   | 32      | 15          | 0.469               | 96        | 42          | 0.438               | 3397     | 1261        | 0.371               |
| 5   | 4192    | 6232   | 174138 | <a href="#">Giuseppe A Camara</a>         |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                  | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>electrochemistry   electrocatalysis   fuel cells          | 32      | 23          | 0.719               | 45        | 38          | 0.844               | 3392     | 1179        | 0.348               |
| 314   | 4193    | 6236   | 174252 | <a href="#">Deborah Queiroz Freitas</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Radiologia Odontológica   | 32      | 28          | 0.875               | 92        | 86          | 0.935               | 3363     | 2655        | 0.789               |
| 1190  | 4194    | 6240   | 174294 | <a href="#">Pedro Paulo Chieffi</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia  | 32      | 14          | 0.438               | 101       | 26          | 0.257               | 3354     | 736         | 0.219               |
| 173   | 4195    | 6241   | 174339 | <a href="#">Fabricio Mezzomo Collares</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia   polimeros   nanotecnologia                              | 32      | 28          | 0.875               | 94        | 87          | 0.926               | 3345     | 2593        | 0.775               |
| 166   | 4196    | 6242   | 174366 | <a href="#">Patricia Dias Fernandes</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia   dor   inflamação   cancer | 32      | 22          | 0.688               | 67        | 48          | 0.716               | 3337     | 1501        | 0.450               |
| 71  | 4197    | 6243   | 174372 | <a href="#">Rodrigo Gurgel Goncalves</a>  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | entomologia médica   protozoologia   vigilância de vetores   | 32      | 23          | 0.719               | 82        | 63          | 0.768               | 3336     | 1857        | 0.557               |
| 28  | 4198    | 6244   | 174382 | <a href="#">Albert Petrov</a>             |  Brazil  | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | <a href="#">Natural Sciences / Physics</a><br>quantum field theory   gravity   | 32      | 19          | 0.594               | 95        | 51          | 0.537               | 3334     | 1523        | 0.457               |
| 315   | 4199    | 6249   | 174468 | <a href="#">Eliana Duek</a>               |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   |  | 32      | 15          | 0.469               | 77        | 27          | 0.351               | 3317     | 927         | 0.279               |
| 37  | 4200    | 6252   | 174513 | <a href="#">Claudio Hoffmann Sampaio</a>  |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Business &amp; Management / Marketing</a><br>Marketing   | 32      | 21          | 0.656               | 72        | 41          | 0.569               | 3309     | 1900        | 0.574               |
| 1191  | 4201    | 6253   | 174524 | <a href="#">Rogéria Gonçalves</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Fotônica   | 32      | 19          | 0.594               | 85        | 51          | 0.600               | 3306     | 1263        | 0.382               |
| 37  | 4202    | 6254   | 174527 | <a href="#">Elisa Yoko Hirooka</a>        |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Alimento  | 32      | 18          | 0.563               | 70        | 40          | 0.571               | 3306     | 1376        | 0.416               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 43  | 4203    | 6255   | 174544 | <a href="#">Lucas C Quarantini</a>             |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Social Sciences / Psychology</a><br>Medicine   Psychiatry   Psychopharmacology   | 32      | 21          | 0.656               | 71        | 44          | 0.620               | 3302     | 1648        | 0.499               |
| 11  | 4204    | 6256   | 174547 | <a href="#">Domingos Sávio Nunes</a>           |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry of Natural Products   Biodiversity Conservation                    | 32      | 14          | 0.438               | 57        | 26          | 0.456               | 3302     | 1095        | 0.332               |
| 167   | 4205    | 6258   | 174621 | <a href="#">Rodrigo Oma De Souza</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 32      | 22          | 0.688               | 96        | 67          | 0.698               | 3287     | 1916        | 0.583               |
| 1192  | 4206    | 6259   | 174624 | <a href="#">Giulio Gavini</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 32      | 24          | 0.750               | 53        | 44          | 0.830               | 3287     | 2067        | 0.629               |
| 1193  | 4207    | 6261   | 174641 | <a href="#">Maria De Fátima Nunes Madeira</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Linguistics and Literature</a><br>Filologia e Língua Portuguesa  | 32      | 19          | 0.594               | 74        | 51          | 0.689               | 3284     | 1232        | 0.375               |
| 168   | 4208    | 6264   | 174725 | <a href="#">Rodolfo Paranhos</a>               |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia Química   Oceanografia Microbiologia  | 32      | 21          | 0.656               | 76        | 51          | 0.671               | 3267     | 1589        | 0.486               |
| 256   | 4209    | 6265   | 174726 | <a href="#">Robson Francisco Carvalho</a>      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cancer Cachexia   Cancer Genetics   Bioinformatics   Big Data | 32      | 25          | 0.781               | 74        | 53          | 0.716               | 3267     | 2180        | 0.667               |
| 169   | 4210    | 6267   | 174750 | <a href="#">Eduardo Falabella Sousa Aguiar</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise   | 32      | 19          | 0.594               | 58        | 31          | 0.534               | 3262     | 1038        | 0.318               |
| 1194  | 4211    | 6269   | 174775 | <a href="#">Marcelo Papoti</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a>  | 32      | 24          | 0.750               | 95        | 59          | 0.621               | 3257     | 1763        | 0.541               |
| 101   | 4212    | 6271   | 174786 | <a href="#">Debora Machado Fracalossi</a>      |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>fish nutrition   | 32      | 23          | 0.719               | 68        | 46          | 0.676               | 3255     | 1395        | 0.429               |
| 174   | 4213    | 6272   | 174792 | <a href="#">Marcus Vinicius Reis Só</a>        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontics   | 32      | 27          | 0.844               | 85        | 66          | 0.776               | 3254     | 2070        | 0.636               |
| 37  | 4214    | 6274   | 174844 | <a href="#">Carneiro Da Cunha</a>              |  Brazil  | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">UniversidPernambuco</a><br>Biotecnologia e Bioquímica  | 32      | 25          | 0.781               | 55        | 41          | 0.745               | 3241     | 1676        | 0.517               |
| 170   | 4215    | 6277   | 174886 | <a href="#">Kátia R Netto Dos Santos</a>       |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | Microbiologia Médica   Microbiologia Molecular   Infecções por Staphylococcus spp.   | 32      | 21          | 0.656               | 70        | 50          | 0.714               | 3231     | 1460        | 0.452               |
| 257   | 4216    | 6278   | 174904 | <a href="#">Edilson Ervolino</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Osteobiologia e Neurobiologia                              | 32      | 27          | 0.844               | 99        | 88          | 0.889               | 3227     | 2582        | 0.800               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1195  | 4217    | 6279   | 174905 | <a href="#">Andrea Micke Moreno</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Infectious diseases   microbiology   Veterinary Medicine                                   | 32      | 23          | 0.719               | 89        | 65          | 0.730               | 3227     | 1936        | 0.600               |
| 72  | 4218    | 6281   | 174910 | <a href="#">Juliana Barreiros Porto</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Social Sciences / Psychology</a><br>Psicologia   Psicologia Organizacional  | 32      | 23          | 0.719               | 53        | 40          | 0.755               | 3227     | 1476        | 0.457               |
| 258   | 4219    | 6282   | 174920 | <a href="#">Regina Helena Garcia Martins</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Otorrinolaringologia   | 32      | 21          | 0.656               | 76        | 38          | 0.500               | 3224     | 1586        | 0.492               |
| 30  | 4220    | 6286   | 174960 | <a href="#">Flavio Meira Borem</a>                       |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Café[qualidade processamento secagem armazenamento]</a><br>Café   qualidade   processamento   secagem   armazenamento                               | 32      | 24          | 0.750               | 83        | 66          | 0.795               | 3218     | 2009        | 0.624               |
| 9   | 4221    | 6287   | 174993 | <a href="#">Andre Fischer Sbrissia</a>                   |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>         | <a href="#">SantCatariLages</a><br>Grassland Ecophysiology   Grazing management   | 32      | 20          | 0.625               | 70        | 45          | 0.643               | 3210     | 1409        | 0.439               |
| 6   | 4222    | 6288   | 175017 | <a href="#">Patricia De Oliveira Carvalho</a>            |  Brazil   | <a href="#">Universidade São Francisco</a>                             | <a href="#">SÃoFranciscoSaúde</a>   | 32      | 21          | 0.656               | 57        | 40          | 0.702               | 3206     | 1425        | 0.444               |
| 259   | 4223    | 6289   | 175033 | <a href="#">Rita Cordeiro</a>                            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Cariologia   | 32      | 23          | 0.719               | 64        | 44          | 0.688               | 3203     | 1749        | 0.546               |
| 175   | 4224    | 6291   | 175040 | <a href="#">Eliseu Rodrigues</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">UFRGS</a><br>Carotenoids   Phenolic compounds   Reactive oxygen and nitrogen species   Antioxidant capacity   Food Chemistry                        | 32      | 28          | 0.875               | 61        | 57          | 0.934               | 3201     | 2362        | 0.738               |
| 102   | 4225    | 6293   | 175059 | <a href="#">José Daniel Biasoli De Mello</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Tribology Tribo materials  | 32      | 23          | 0.719               | 78        | 63          | 0.808               | 3196     | 1768        | 0.553               |
| 19  | 4226    | 6294   | 175092 | <a href="#">Paulo Mauricio De Alencastro Graça</a>       |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Natural Sciences / Biological Science</a><br>ecologia florestal   | 32      | 22          | 0.688               | 58        | 39          | 0.672               | 3191     | 1596        | 0.500               |
| 118   | 4227    | 6297   | 175112 | <a href="#">Helene Barbosa</a>                           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cell biology   partasitology   toxoplasmosis   Toxoplasma gondii   ultrastruture         | 32      | 16          | 0.500               | 67        | 34          | 0.507               | 3185     | 956         | 0.300               |
| 1196  | 4228    | 6300   | 175127 | <a href="#">Fernanda Carvalho Panzeri Pires De Souza</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais Dentários   compósitos   estabilidade de cor   resistência de união   adesivos dentinários | 32      | 21          | 0.656               | 72        | 54          | 0.750               | 3180     | 1614        | 0.508               |
| 73  | 4229    | 6302   | 175146 | <a href="#">Tais Gratieri</a>                            |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacotecnica  | 32      | 28          | 0.875               | 74        | 72          | 0.973               | 3175     | 2311        | 0.728               |
| 1197  | 4230    | 6304   | 175176 | <a href="#">Simone Gusmão Ramos</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia Pulmonar e Cardiovascular  | 32      | 18          | 0.563               | 84        | 43          | 0.512               | 3167     | 1308        | 0.413               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 77  | 4231    | 6306   | 175205 | <a href="#">Patricia Driusso</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>physical therapy   Women's health  | 32      | 24          | 0.750               | 72        | 57          | 0.792               | 3161     | 1711        | 0.541               |
| 103   | 4232    | 6308   | 175235 | <a href="#">José Luiz Pedreira Mourão</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>aquaculture   | 32      | 25          | 0.781               | 74        | 65          | 0.878               | 3154     | 2116        | 0.671               |
| 37  | 4233    | 6310   | 175244 | <a href="#">Jonas Guimaraes</a>                  |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food technology   Dairy processing   Dairy science   Fish technology   Food microbiology | 32      | 32          | 1.000               | 70        | 69          | 0.986               | 3153     | 3087        | 0.979               |
| 260   | 4234    | 6311   | 175247 | <a href="#">Chung Man Chin</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química Medicinal   Farmacologia   Farmacoterapia                               | 32      | 22          | 0.688               | 73        | 43          | 0.589               | 3151     | 1666        | 0.529               |
| 63  | 4235    | 6315   | 175285 | <a href="#">Elizabeth Santin</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Agriculture &amp; Forestry / Poultry Production</a><br>Poultry   immunity   pathology   microbiota   mycotoxins   | 32      | 19          | 0.594               | 66        | 50          | 0.758               | 3142     | 1355        | 0.431               |
| 261   | 4236    | 6316   | 175286 | <a href="#">Fellippo Verri</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Implantodontia   Cirurgia Oral Menor   Prótese Dentária   | 32      | 28          | 0.875               | 65        | 56          | 0.862               | 3142     | 2243        | 0.714               |
| 60  | 4237    | 6318   | 175337 | <a href="#">Thais Gomes Verzignassi Silveira</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Immunology</a><br>leishmaniose   diagnóstico sorológico   diagnóstico molecular   epidemiologia                               | 32      | 16          | 0.500               | 96        | 38          | 0.396               | 3130     | 1181        | 0.377               |
| 262   | 4238    | 6319   | 175345 | <a href="#">Eliana Aparecida Varanda</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">JulioMesquitFilho</a><br>Mutagênese   Microbiologia   | 32      | 21          | 0.656               | 84        | 55          | 0.655               | 3129     | 1388        | 0.444               |
| 263   | 4239    | 6322   | 175369 | <a href="#">Luis Fernando Barbisan</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Chemically-induced carcinogenesis   | 32      | 22          | 0.688               | 72        | 49          | 0.681               | 3123     | 1502        | 0.481               |
| 107   | 4240    | 6323   | 175378 | <a href="#">Sheila C Caetano</a>                 |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Child and Adolescent Psychiatry</a><br>Child and Adolescent Psychiatry  | 32      | 19          | 0.594               | 58        | 42          | 0.724               | 3122     | 1087        | 0.348               |
| 316   | 4241    | 6324   | 175383 | <a href="#">Américo Bortolazzo Correr</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental Materials   | 32      | 23          | 0.719               | 68        | 49          | 0.721               | 3120     | 1814        | 0.581               |
| 171   | 4242    | 6326   | 175416 | <a href="#">Marta Helena Branquinha</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Parasitologia   | 32      | 21          | 0.656               | 92        | 56          | 0.609               | 3112     | 1625        | 0.522               |
| 1198  | 4243    | 6327   | 175462 | <a href="#">Paulo Sumida</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Benthic Ecology   | 32      | 23          | 0.719               | 69        | 56          | 0.812               | 3099     | 1828        | 0.590               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 191   | 4244    | 6328   | 175463 | <a href="#">Queila Garcia</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>botânica   fisiologia vegetal   germinação   | 32      | 21          | 0.656               | 68        | 48          | 0.706               | 3099     | 1842        | 0.594               |
| 264   | 4245    | 6329   | 175467 | <a href="#">Tais Maria Bauab</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Medical and Health Sciences / Microbiology</a>  | 32      | 25          | 0.781               | 60        | 50          | 0.833               | 3099     | 2109        | 0.681               |
| 1199  | 4246    | 6330   | 175471 | <a href="#">Heno Lopes</a>                      |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">NPOSMEDICINUNINOVE</a><br>Cariology   hypertension   metabolic syndrome   | 32      | 17          | 0.531               | 63        | 29          | 0.460               | 3098     | 1074        | 0.347               |
| 108   | 4247    | 6331   | 175475 | <a href="#">Ricardo Pimenta Bertolla</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                      | Male infertility   sperm DNA fragmentation   varicocele   proteomics   lipidomics   | 32      | 27          | 0.844               | 58        | 53          | 0.914               | 3097     | 1746        | 0.564               |
| 172   | 4248    | 6332   | 175517 | <a href="#">Ana Paula Ca Lima</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Medical and Health Sciences / Parasitology</a><br>Trypanosoma and Leishmania virulence factors   peptidase inhibitors   immunoparasitology              | 32      | 17          | 0.531               | 52        | 33          | 0.635               | 3087     | 964         | 0.312               |
| 1200  | 4249    | 6333   | 175523 | <a href="#">Rômulo Augusto Ando</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">UniversidSÃO Paulo</a><br>Espectroscopia Molecular  | 32      | 24          | 0.750               | 68        | 55          | 0.809               | 3084     | 1952        | 0.633               |
| 1   | 4250    | 6335   | 175543 | <a href="#">Márcio Flávio Moura De Araújo</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Integração Luso Afro Brasileira UNILAB</a> | Doenças crônicas   diabetes   cuidado   | 32      | 22          | 0.688               | 76        | 54          | 0.711               | 3078     | 1676        | 0.545               |
| 173   | 4251    | 6336   | 175546 | <a href="#">Erik Svensjö</a>                    |  <a href="#">Brazil</a>  | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">visitanteBiofÁ-sicCarlosChagasFilho(IBCCE)â€</a><br>microcirculation   intravital microscopy   vascular permeability   Trypanosoma cruzi   angiogenesis | 32      | 8           | 0.250               | 64        | 5           | 0.078               | 3078     | 258         | 0.084               |
| 174   | 4252    | 6337   | 175573 | <a href="#">Maria Do Carmo De Freire Bastos</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Medical and Health Sciences / Microbiology</a><br>Peptídeos antimicrobianos   | 32      | 19          | 0.594               | 61        | 37          | 0.607               | 3068     | 1240        | 0.404               |
| 265   | 4253    | 6338   | 175576 | <a href="#">Orlando Necchi Jr</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Ecologia   Ecossistemas Aquáticos   Taxonomia de Algas  | 32      | 16          | 0.500               | 88        | 30          | 0.341               | 3067     | 854         | 0.278               |
| 1201  | 4254    | 6340   | 175607 | <a href="#">Alvaro Esteves Migotto</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Marinha   Zoologia  | 32      | 19          | 0.594               | 84        | 37          | 0.440               | 3060     | 1126        | 0.368               |
| 1202  | 4255    | 6343   | 175632 | <a href="#">Simone Aparecida Teixeira</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Bioquímica   | 32      | 20          | 0.625               | 70        | 37          | 0.529               | 3052     | 1169        | 0.383               |
| 1203  | 4256    | 6344   | 175633 | <a href="#">Maria Tereza Silveira Böhme</a>     |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Education / Education</a><br>Educação Física   Esporte   Talento esportivo   Treinamento infanto juvenil  | 32      | 19          | 0.594               | 65        | 32          | 0.492               | 3052     | 890         | 0.292               |
| 317   | 4257    | 6346   | 175637 | <a href="#">Daniella Jorge De Moura</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | environmental control   precision livestock farming   animal welfare  | 32      | 18          | 0.563               | 85        | 41          | 0.482               | 3051     | 1211        | 0.397               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 74  | 4258    | 6347   | 175641 | <a href="#">Sílvia Cláudia Loureiro Dias</a>  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalise Quimica   | 32      | 19          | 0.594               | 55        | 34          | 0.618               | 3051     | 1035        | 0.339               |
| 1   | 4259    | 6348   | 175647 | <a href="#">Jonas Moraes Filho</a>            |  Brazil   | <a href="#">Universidade de Santo Amaro UNISA</a>                           | <a href="#">SantoAmaro</a>   | 32      | 23          | 0.719               | 49        | 42          | 0.857               | 3050     | 1433        | 0.470               |
| 38  | 4260    | 6349   | 175671 | <a href="#">Rosa Amalia Fireman Dutra</a>     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomedical engineering  | 32      | 25          | 0.781               | 57        | 45          | 0.789               | 3041     | 1601        | 0.526               |
| 29  | 4261    | 6350   | 175705 | <a href="#">Daniel Oliveira Mesquita</a>      |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | Reptile biology   amphibian biology  | 32      | 23          | 0.719               | 70        | 49          | 0.700               | 3031     | 1528        | 0.504               |
| 1204  | 4262    | 6351   | 175716 | <a href="#">Josef Wilhelm Baader</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>quimiluminiscência   fisico-química orgânica   | 32      | 20          | 0.625               | 65        | 38          | 0.585               | 3027     | 1287        | 0.425               |
| 78  | 4263    | 6352   | 175754 | <a href="#">Pedro Jorge Caldas Magalhaes</a>  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia e Farmacologia  | 32      | 18          | 0.563               | 74        | 48          | 0.649               | 3018     | 1258        | 0.417               |
| 38  | 4264    | 6353   | 175765 | <a href="#">Fernanda B Morrone</a>            |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Oncology   Biochemistry                                   | 32      | 23          | 0.719               | 68        | 54          | 0.794               | 3014     | 1487        | 0.493               |
| 30  | 4265    | 6354   | 175788 | <a href="#">Emilia Celma De Oliveira Lima</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   colóides   nanopartículas   reatividade  | 32      | 17          | 0.531               | 67        | 27          | 0.403               | 3008     | 805         | 0.268               |
| 109   | 4266    | 6355   | 175793 | <a href="#">Cassia Bergamaschi</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">UNFESPPaulistMedicinSaoPaulo.</a><br>bergamaschi.cassia@unifesp.br   | 32      | 21          | 0.656               | 72        | 46          | 0.639               | 3006     | 1156        | 0.385               |
| 38  | 4267    | 6356   | 175813 | <a href="#">Wilson Machado</a>                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Geochemistry   Marine Pollution   Marine Biogeochemistry | 32      | 24          | 0.750               | 61        | 52          | 0.852               | 3000     | 1633        | 0.544               |
| 64  | 4268    | 6357   | 175818 | <a href="#">Maria Helena Lenardt</a>          |  Brazil  | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Enfermagem</a><br>Enfermagem geriátrica  | 32      | 19          | 0.594               | 79        | 50          | 0.633               | 2998     | 1372        | 0.458               |
| 6   | 4269    | 6358   | 175828 | <a href="#">Edgar Julian Paredes Gamero</a>   |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia celular   molecular   farmacologia   | 32      | 23          | 0.719               | 86        | 67          | 0.779               | 2996     | 1819        | 0.607               |
| 1205  | 4270    | 6359   | 175838 | <a href="#">Rita Ribeiro</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Fisiologia Vegetal   Bioquímica Vegetal  | 32      | 16          | 0.500               | 78        | 27          | 0.346               | 2994     | 894         | 0.299               |
| 104   | 4271    | 6360   | 175845 | <a href="#">Lucas Garcia</a>                  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Materiais Dentários  | 32      | 20          | 0.625               | 79        | 52          | 0.658               | 2991     | 1571        | 0.525               |





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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 110   | 4272    | 6361   | 175864 | <a href="#">Maraisa Goncalves</a>                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Glicerol   Catálise   Carvão ativado   aproveitamento de resíduos.  | 32      | 24          | 0.750               | 49        | 44          | 0.898               | 2985     | 1394        | 0.467               |
| 26  | 4273    | 6362   | 175878 | <a href="#">Priscila Lopes Priscila Mac Cord</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Natural Sciences / Biological Science</a><br>human ecology   fisheries co-management  | 32      | 25          | 0.781               | 69        | 61          | 0.884               | 2981     | 2067        | 0.693               |
| 1206  | 4274    | 6363   | 175879 | <a href="#">Roseli Bittar</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>neurotology  | 32      | 16          | 0.500               | 68        | 27          | 0.397               | 2981     | 978         | 0.328               |
| 1207  | 4275    | 6368   | 175966 | <a href="#">Gerson Chadi</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia Translacional   Neurorrestauração   Regeneração do Sistema Nervoso Central   Doenças Neurodegenerativas   Esclerose   | 32      | 15          | 0.469               | 79        | 22          | 0.278               | 2951     | 704         | 0.239               |
| 1208  | 4276    | 6370   | 175987 | <a href="#">Andre Messias</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Catarata   Eletroretinografia   Neurooftalmologia  | 32      | 21          | 0.656               | 67        | 47          | 0.701               | 2942     | 1373        | 0.467               |
| 3   | 4277    | 6371   | 175999 | <a href="#">Florian Meneau</a>                   |  Brazil   | <a href="#">Laboratorio Nacional de Luz Sincrotron</a>      | <a href="#">CNPEM LNLS</a><br>nanoparticles   | 32      | 21          | 0.656               | 72        | 44          | 0.611               | 2938     | 1243        | 0.423               |
| 1209  | 4278    | 6372   | 176005 | <a href="#">Tatiana Michtchenko</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>astronomy   | 32      | 16          | 0.500               | 60        | 28          | 0.467               | 2937     | 682         | 0.232               |
| 105   | 4279    | 6373   | 176008 | <a href="#">Andre Avelino Pasa</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Natural Sciences / Physics</a><br>física de semicondutores  | 32      | 20          | 0.625               | 77        | 44          | 0.571               | 2935     | 1343        | 0.458               |
| 192   | 4280    | 6375   | 176026 | <a href="#">Daniel De Assis Santos</a>           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Microbiology</a><br>Micologia   interação fungo-hospedeiro   criptococose   dermatofitose   terapia antifúngica   | 32      | 22          | 0.688               | 68        | 55          | 0.809               | 2930     | 1803        | 0.615               |
| 1210  | 4281    | 6376   | 176027 | <a href="#">Paulo César Boggiani</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   | 32      | 21          | 0.656               | 62        | 42          | 0.677               | 2930     | 1376        | 0.470               |
| 1211  | 4282    | 6377   | 176028 | <a href="#">Silvana Martins Mishima</a>          |  Brazil  | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">EnfermahSaúColetiv</a><br>enfermagem   saúde coletiva   saúde pública   | 32      | 14          | 0.438               | 36        | 20          | 0.556               | 2930     | 526         | 0.180               |
| 78  | 4283    | 6379   | 176042 | <a href="#">Edward R Dockal</a>                  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Inorganica  | 32      | 17          | 0.531               | 43        | 24          | 0.558               | 2926     | 826         | 0.282               |
| 75  | 4284    | 6382   | 176101 | <a href="#">Jose Alves Dias</a>                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry - Catalysis   | 32      | 20          | 0.625               | 56        | 36          | 0.643               | 2907     | 1015        | 0.349               |
| 79  | 4285    | 6383   | 176106 | <a href="#">Edson Luiz Silva</a>                 |  Brazil | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Anaerobic reactors for wastewater treatment   Anaerobic hydrogen production from wastes   Anaerobic fluidized bed reactor  | 32      | 26          | 0.813               | 76        | 73          | 0.961               | 2905     | 2069        | 0.712               |
| 1212  | 4286    | 6385   | 176163 | <a href="#">Darci Odloak</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Process Control   Model Predictive Control   Robust Control   Real Time Optimization   | 32      | 18          | 0.563               | 57        | 36          | 0.632               | 2888     | 1022        | 0.354               |
| 25  | 4287    | 6386   | 176188 | <a href="#">Emmanuel Zagury Tourinho</a>         |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>           | <a href="#">Análise do Comportamento Processos Comportamentais Culturais Metacontingências Eventos Privados Terapia Analítico-Comport </a><br>Análise do Comportamento   Processos Comportamentais Culturais   Metacontingências   Eventos Privados   Terapia Analítico-Comport | 32      | 19          | 0.594               | 74        | 39          | 0.527               | 2875     | 1163        | 0.405               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 4288    | 6387   | 176206 | <a href="#">Ramires A. Tibana</a>                            |  Brazil   | <a href="#">Universidade Católica de Brasília</a>                       | <a href="#">Universidade Católica de Brasília</a><br>Strength training/Functional Fitness  | 32      | 24          | 0.750               | 80        | 63          | 0.788               | 2868     | 1904        | 0.664               |
| 5   | 4289    | 6389   | 176223 | <a href="#">Ana Lucia Fachin</a>                             |  Brazil   | <a href="#">Universidade de Ribeirão Preto UNAERP</a>                   | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   biologia molecular   | 32      | 23          | 0.719               | 72        | 45          | 0.625               | 2863     | 1435        | 0.501               |
| 26  | 4290    | 6390   | 176228 | <a href="#">Rafael Rodrigues Lima</a>                        |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Morfologia Neurociências  | 32      | 28          | 0.875               | 84        | 78          | 0.929               | 2858     | 2407        | 0.842               |
| 15  | 4291    | 6393   | 176337 | <a href="#">Telma Pereira</a>                                |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>melhoramento de plantas   citogenetica vegetal   recursos genéticos vegetais.  | 32      | 18          | 0.563               | 84        | 49          | 0.583               | 2797     | 1147        | 0.410               |
| 111   | 4292    | 6395   | 176351 | <a href="#">Carla Máximo Prado</a>                           |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Lung pathophysiology   fisiopatologia pulmonar   inflammatory mediators   mediadores inflamatórios   cholinergic anti-inflammatory | 32      | 22          | 0.688               | 60        | 48          | 0.800               | 2794     | 1776        | 0.636               |
| 266   | 4293    | 6396   | 176360 | <a href="#">Denis Vieira Andrade</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>physiology   herpetology  | 32      | 19          | 0.594               | 68        | 45          | 0.662               | 2790     | 1229        | 0.441               |
| 4   | 4294    | 6400   | 176437 | <a href="#">Cristina Maria Nunes Cabral</a>                  |  Brazil   | <a href="#">Universidade Cidade de São Paulo UNICID</a>                 | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia  | 32      | 23          | 0.719               | 49        | 38          | 0.776               | 2750     | 1610        | 0.585               |
| 119   | 4295    | 6401   | 176480 | <a href="#">Pedro Emmanuel Alvarenga Americano Do Brasil</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                   | <a href="#">Clinical researcher, Instituto Nacional de Infectologia Evandro Chagas- Fundação Oswaldo ...</a><br>clinical epidemiology   evidence based medicine   infectious diseases            | 32      | 25          | 0.781               | 55        | 46          | 0.836               | 2728     | 1706        | 0.625               |
| 112   | 4296    | 6404   | 176533 | <a href="#">Elaine Rodrigues</a>                             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Immunomodulation   Proteases   Melanoma   Breast Cancer   | 32      | 16          | 0.500               | 54        | 31          | 0.574               | 2701     | 778         | 0.288               |
| 44  | 4297    | 6405   | 176551 | <a href="#">Roberto Meyer</a>                                |  Brazil | <a href="#">Universidade Federal da Bahia</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Imunodiagnóstico   Vacinas  | 32      | 18          | 0.563               | 65        | 38          | 0.585               | 2689     | 954         | 0.355               |
| 6   | 4298    | 6406   | 176554 | <a href="#">Betine Pinto Moehleck Iser</a>                   |  Brazil | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Doenças crônicas   inquéritos de saúde   cuidados em saúde no período gestacional                | 32      | 22          | 0.688               | 49        | 36          | 0.735               | 2688     | 1688        | 0.628               |
| 31  | 4299    | 6408   | 176573 | <a href="#">Elaine Rosechrer Carbonero</a>                   |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Química de Macromoléculas   Carboidratos  | 32      | 19          | 0.594               | 46        | 35          | 0.761               | 2674     | 926         | 0.346               |
| 193   | 4300    | 6409   | 176576 | <a href="#">Eduardo Leite Borba</a>                          |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Natural Sciences / Biological Science</a><br>botany  | 32      | 17          | 0.531               | 61        | 38          | 0.623               | 2671     | 811         | 0.304               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1213  | 4301    | 6410   | 176578 | <a href="#">Estela Bevilacqua Estela Maf Bevilacqua Estela M Bevilacqua E Bevilacqua</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Trophoblast   placenta   ectopapental cone   gene expression                    | 32      | 14          | 0.438               | 61        | 30          | 0.492               | 2669     | 755         | 0.283               |
| 267   | 4302    | 6412   | 176598 | <a href="#">Rodrigo Egydio Barreto</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquaculture and Animal Physiology and Behavior   | 32      | 21          | 0.656               | 54        | 45          | 0.833               | 2655     | 1231        | 0.464               |
| 20  | 4303    | 6413   | 176616 | <a href="#">Carlos Henrique Ataíde</a>   |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Separação Sólido-Fluido   Secagem   CFD   Pirólise   Biomassa                   | 32      | 26          | 0.813               | 59        | 53          | 0.898               | 2644     | 1686        | 0.638               |
| 9   | 4304    | 6414   | 176624 | <a href="#">Jean Pierre Raulin</a>   |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                    | <a href="#">Natural Sciences / Physics</a><br>Astronomia   radioastronomia   Física Solar   relações Sol-Terra   raios Cósmicos                        | 32      | 16          | 0.500               | 67        | 30          | 0.448               | 2638     | 901         | 0.342               |
| 268   | 4305    | 6415   | 176639 | <a href="#">Frederico Canato Martinho</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontics   | 32      | 27          | 0.844               | 55        | 54          | 0.982               | 2620     | 1794        | 0.685               |
| 76  | 4306    | 6417   | 176677 | <a href="#">Vitor Salvador Picão Gonçalves</a>   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 32      | 18          | 0.563               | 56        | 49          | 0.875               | 2571     | 1034        | 0.402               |
| 269   | 4307    | 6418   | 176699 | <a href="#">Ian Castro Gamboa</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>RMN   Metabolômica   EM   Química dos produtos naturais   misturas complexas.                  | 32      | 19          | 0.594               | 56        | 42          | 0.750               | 2545     | 1207        | 0.474               |
| 16  | 4308    | 6420   | 176711 | <a href="#">Markssuel Teixeira Marvila</a>   |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia   | 32      | 32          | 1.000               | 44        | 44          | 1.000               | 2528     | 2525        | 0.999               |
| 80  | 4309    | 6422   | 176742 | <a href="#">Ieda Lucia Viana Rosa</a>  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Material chemistry   Rare earth   Photoluminescence        | 32      | 21          | 0.656               | 59        | 32          | 0.542               | 2458     | 1076        | 0.438               |
| 6   | 4310    | 6423   | 176770 | <a href="#">Marina Prigol</a>  |  Brazil | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   farmacologia   toxicologia  | 32      | 20          | 0.625               | 63        | 45          | 0.714               | 2385     | 1331        | 0.558               |
| 176   | 4311    | 6424   | 176772 | <a href="#">Paulo Henrique Schneider</a>   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Síntese Assimétrica   Organocatálise   Calcogênicos   Catálise assimétrica. | 32      | 16          | 0.500               | 62        | 38          | 0.613               | 2383     | 903         | 0.379               |
| 19  | 4312    | 6425   | 176773 | <a href="#">Tito Roberto Sant Anna Cadaval Junior</a>                                    |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                 | <a href="#">Natural Sciences / Physics</a><br>Adsorção   Engenharia Química   Físico-química   Química   | 32      | 29          | 0.906               | 48        | 48          | 1.000               | 2381     | 2052        | 0.862               |




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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 32  | 4313    | 6428   | 176848 | <a href="#">Maria Sylvia Zanella Di Pietro</a>      |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                | <a href="#">Business &amp; Management / Business Administration</a><br>Administrative Law   Direito Administrativo   Direito Público   Políticas Públicas   Administração Pública                  | 31      | 20          | 0.645               | 75        | 37          | 0.493               | 26846    | 8159        | 0.304               |
| 1214  | 4314    | 6429   | 176902 | <a href="#">Ana Luisa Aranha E Silva</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">MaternoInfantilPsiquiátrica</a><br>engenharia de materiais   fisica de plasma   pulsadores de potencia   implantacao ionica por imersao em plasma                                      | 31      | 19          | 0.613               | 94        | 46          | 0.489               | 17010    | 12111       | 0.712               |
| 11  | 4315    | 6430   | 176915 | <a href="#">Conrad Lee</a>                          |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>   | <a href="#">Unisinos</a><br>Exercise-induced cardio and neuroprotection  | 31      | 27          | 0.871               | 40        | 35          | 0.875               | 16172    | 7868        | 0.487               |
| 1215  | 4316    | 6431   | 176955 | <a href="#">Joilson De Oliveira Martins *</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Inflamação   Farmácia   Farmacologia   Imunologia  | 31      | 19          | 0.613               | 50        | 31          | 0.620               | 14238    | 6975        | 0.490               |
| 1216  | 4317    | 6433   | 176994 | <a href="#">Maria Cássia Jacintho Mendes Correa</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">HospitaldasClínicas</a><br>Hepatites Virais e Infecção pelo HIV  | 31      | 23          | 0.742               | 85        | 47          | 0.553               | 12830    | 7377        | 0.575               |
| 1217  | 4318    | 6435   | 177097 | <a href="#">Claudia Barros Monteiro Vitorello</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | Functional Genomics   Plant-Pathogen Interactions  | 31      | 23          | 0.742               | 52        | 31          | 0.596               | 10906    | 2274        | 0.209               |
| 79  | 4319    | 6438   | 177270 | <a href="#">Arione Da Silva Pereira</a>             |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>      | <a href="#">Professor Colaborador de Fitomelhoramento, Programa de Pós-Graduação em Agronomia ...</a><br>Fitomelhoramento  | 31      | 20          | 0.645               | 85        | 42          | 0.494               | 9050     | 7336        | 0.811               |
| 1218  | 4320    | 6439   | 177275 | <a href="#">Joel Dutra</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">FEA/USP - UniversidSão Paulo</a><br>Competências   Carreiras   Processo Sucessório   Gestão de Pessoas   | 31      | 23          | 0.742               | 60        | 38          | 0.633               | 9026     | 2738        | 0.303               |
| 1219  | 4321    | 6440   | 177286 | <a href="#">AT Beck</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>structural reliability   stochastic mechanics   confiabilidade estrutural   structural optimization   engenharia de estruturas | 31      | 25          | 0.806               | 79        | 61          | 0.772               | 8956     | 3687        | 0.412               |
| 1220  | 4322    | 6443   | 177417 | <a href="#">Vera H Koch</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Nefrologia pediátrica   Educação Medica   | 31      | 20          | 0.645               | 68        | 38          | 0.559               | 8139     | 2964        | 0.364               |
| 318   | 4323    | 6446   | 177469 | <a href="#">Jorge Stolfi</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision   Numerical methods   Approximation Methods   Computational Geometry  | 31      | 14          | 0.452               | 50        | 17          | 0.340               | 7827     | 1275        | 0.163               |
| 12  | 4324    | 6448   | 177599 | <a href="#">Dalton Precoma</a>                      |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a> | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiology   | 31      | 24          | 0.774               | 60        | 42          | 0.700               | 7335     | 6068        | 0.827               |
| 319   | 4325    | 6449   | 177604 | <a href="#">Laszlo Nagy</a>                         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        |  | 31      | 24          | 0.774               | 53        | 36          | 0.679               | 7325     | 3593        | 0.491               |
| 1221  | 4326    | 6451   | 177639 | <a href="#">Eduardo Luiz R Cancado</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatology   autoimmunity   metabolic diseases   | 31      | 18          | 0.581               | 61        | 26          | 0.426               | 7217     | 1865        | 0.258               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 106   | 4327    | 6453   | 177785 | <a href="#">Jomi Fred Hübner</a>                            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>          | Multiagent Systems   | 31      | 14          | 0.452               | 80        | 22          | 0.275               | 6827     | 1842        | 0.270               |
| 11  | 4328    | 6454   | 177809 | <a href="#">Saddo AG Almouloud</a>                          |  <a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Education / Education</a><br>Educação Matemática   | 31      | 19          | 0.613               | 88        | 41          | 0.466               | 6755     | 2793        | 0.413               |
| 4   | 4329    | 6456   | 177893 | <a href="#">Rodrigo R Soares</a>                            |  <a href="#">Brazil</a>   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                | <a href="#">Insperand</a><br>Development   Health   Crime   Labor   History  | 31      | 25          | 0.806               | 41        | 33          | 0.805               | 6555     | 2611        | 0.398               |
| 1222  | 4330    | 6457   | 177897 | <a href="#">Silvia Secoli *</a>                             |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Médicocirúrgicâ€</a><br>Enfermagem   Administração de medicamentos   Terapia intravenosa   Farmacovigilância   Avaliação de tecnologias em saúde | 31      | 22          | 0.710               | 78        | 50          | 0.641               | 6547     | 4501        | 0.687               |
| 77  | 4331    | 6458   | 177906 | <a href="#">Wanderley Codo</a>                              |  <a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                         | <a href="#">Social Sciences / Sociology</a><br>trabalho   alienação   saude mental e trabalho   psicologia social  | 31      | 17          | 0.548               | 42        | 25          | 0.595               | 6528     | 1323        | 0.203               |
| 7   | 4332    | 6460   | 177980 | <a href="#">Heitor Silvério Lopes</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Computer vision   Data mining   Evolutionary computation   Bioinformatics                           | 31      | 16          | 0.516               | 98        | 32          | 0.327               | 6387     | 1760        | 0.276               |
| 320   | 4333    | 6461   | 178005 | <a href="#">Maria Carolina De Azevedo Ferreira De Souza</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia de empresas   microeconomia   estudos setoriais   pequenas empresas                     | 31      | 19          | 0.613               | 103       | 35          | 0.340               | 6343     | 2270        | 0.358               |
| 175   | 4334    | 6463   | 178107 | <a href="#">Carlos Fausto</a>                               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>               | <a href="#">MuseuRioJaneiro</a>  | 31      | 22          | 0.710               | 58        | 38          | 0.655               | 6128     | 2370        | 0.387               |
| 80  | 4335    | 6464   | 178143 | <a href="#">Felipe Rodrigues Da Silva</a>                   |  <a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Transcriptomics   Bioinformatics   Expressão gênica   Bioinformática       | 31      | 20          | 0.645               | 38        | 27          | 0.711               | 6082     | 2315        | 0.381               |
| 1223  | 4336    | 6465   | 178144 | <a href="#">Fernanda Ortis</a>                              |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia celular   morte celular  | 31      | 23          | 0.742               | 37        | 32          | 0.865               | 6078     | 2024        | 0.333               |
| 1224  | 4337    | 6467   | 178205 | <a href="#">Fábio Guilherme Campos</a>                      |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Coloproctologia  | 31      | 21          | 0.677               | 87        | 47          | 0.540               | 5983     | 2334        | 0.390               |
| 177   | 4338    | 6469   | 178250 | <a href="#">Denis Borenstein</a>                            |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">Applied operations research </a><br>Applied operations research  | 31      | 24          | 0.774               | 53        | 35          | 0.660               | 5913     | 2154        | 0.364               |
| 30  | 4339    | 6471   | 178263 | <a href="#">Maria Regina De V Barbosa</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal da Paraíba UFPB</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>taxonomia vegetal   sistemática vegetal   biogeografia   conservação da flora                       | 31      | 22          | 0.710               | 78        | 45          | 0.577               | 5900     | 2622        | 0.444               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 113   | 4340    | 6472   | 178315 | <a href="#">Delcio Matos</a>                       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>CIRURGIA ONCOLOGIA MARCADORES TUMORAIS   | 31      | 19          | 0.613               | 61        | 28          | 0.459               | 5837     | 1815        | 0.311               |
| 178   | 4341    | 6473   | 178428 | <a href="#">Ricardo Augusto Da Luz Reis</a>        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">RioGrandeSul</a><br>microelectronics   EDA   computer architecture   physical design   computer engineering                                    | 31      | 20          | 0.645               | 143       | 61          | 0.427               | 5704     | 1994        | 0.350               |
| 1225  | 4342    | 6474   | 178443 | <a href="#">Gilberto Bercovici</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Economics &amp; Econometrics / Economics</a><br>Direito Econômico   Economia Política  | 31      | 21          | 0.677               | 77        | 48          | 0.623               | 5693     | 2385        | 0.419               |
| 1226  | 4343    | 6475   | 178485 | <a href="#">Carlos H Morimoto</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a><br>IHC   Computer Vision   Eye Tracking   Gaze Interaction  | 31      | 18          | 0.581               | 49        | 27          | 0.551               | 5648     | 1549        | 0.274               |
| 28  | 4344    | 6479   | 178558 | <a href="#">Simone Diniz Junqueira Barbosa</a>     | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Human-Computer Interaction   Information Visualization                                    | 31      | 19          | 0.613               | 101       | 41          | 0.406               | 5568     | 1961        | 0.352               |
| 81  | 4345    | 6481   | 178663 | <a href="#">João Dos Reis Silva Júnior</a>         | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   Política Educacional   Trabalho Docente   Ciência Brasileira.                       | 31      | 17          | 0.548               | 97        | 35          | 0.361               | 5435     | 1570        | 0.289               |
| 39  | 4346    | 6482   | 178665 | <a href="#">Soraia Raupp Musse</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Pontifical Catholicof Rio grando Sul</a><br>Crowd Simulation   Pedestrian simulation   Computer Animation   Virtual humans   Visual perception | 31      | 19          | 0.613               | 77        | 27          | 0.351               | 5434     | 1465        | 0.270               |
| 321   | 4347    | 6484   | 178670 | <a href="#">Hélio Pedrini</a>                      | <br><a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>image processing   computer vision   machine learning   computer graphics               | 31      | 25          | 0.806               | 95        | 67          | 0.705               | 5429     | 3451        | 0.636               |
| 78  | 4348    | 6485   | 178679 | <a href="#">Gabriela Bielefeld Nardoto</a>         | <br><a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Natural Sciences / Biological Science</a><br>ecosystem ecology   biogeochemistry   stable isotopes   | 31      | 26          | 0.839               | 57        | 47          | 0.825               | 5423     | 2608        | 0.481               |
| 179   | 4349    | 6486   | 178722 | <a href="#">Liane Margarida Rockenbach Tarouco</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">UFRGS</a><br>Redes de computadores   Informática na Educação   | 31      | 20          | 0.645               | 131       | 46          | 0.351               | 5375     | 2041        | 0.380               |
| 8   | 4350    | 6487   | 178734 | <a href="#">Jose Aldemir De Oliveira</a>           | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Amazonas UFAM</a>                       | <a href="#">Natural Sciences / Geography</a><br>Geografia  | 31      | 22          | 0.710               | 93        | 42          | 0.452               | 5365     | 2143        | 0.399               |
| 270   | 4351    | 6488   | 178749 | <a href="#">Maria Inês Tiraboschi Ferro</a>        | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | Functional Genomics   Biotic and Abiotic Stresses   Sugar Cane   | 31      | 22          | 0.710               | 51        | 35          | 0.686               | 5349     | 1460        | 0.273               |




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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 79  | 4352    | 6492   | 178820 | <a href="#">Bartolomeu Warlene Silva De Souza</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Biotechnology   Fisheries Technology   packaging   ohmic heating   Seaweed                                       | 31      | 28          | 0.903               | 38        | 35          | 0.921               | 5289     | 2889        | 0.546               |
| 1227  | 4353    | 6493   | 178844 | <a href="#">Sebastião Simionatto</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>nuclear physics   astrophysics   particle physics   cosmology  | 31      | 15          | 0.484               | 34        | 19          | 0.559               | 5265     | 624         | 0.119               |
| 79  | 4354    | 6494   | 178871 | <a href="#">Ronaldo Pilati</a>                    |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Social Sciences / Psychology</a><br>Social Cognition   Prosocial behavior   Dishonest behavior   Jeitinho   Scientific Reasoning   | 31      | 24          | 0.774               | 63        | 41          | 0.651               | 5242     | 2921        | 0.557               |
| 45  | 4355    | 6497   | 178970 | <a href="#">Michelângelo G Silva</a>              |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Seismic data processing   | 31      | 19          | 0.613               | 96        | 51          | 0.531               | 5145     | 3433        | 0.667               |
| 1228  | 4356    | 6499   | 178984 | <a href="#">Belmiro M Castro</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia   | 31      | 21          | 0.677               | 66        | 37          | 0.561               | 5138     | 1630        | 0.317               |
| 80  | 4357    | 6501   | 179076 | <a href="#">André Bezerra Dos Santos</a>          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | Anaerobic digestion   microaerophilic treatment   activated sludge   aerobic granular sludge   micr  | 31      | 23          | 0.742               | 70        | 53          | 0.757               | 5066     | 2471        | 0.488               |
| 81  | 4358    | 6502   | 179077 | <a href="#">Cláudia Vieira Godoy</a>              |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a><br>Fitopatologia   | 31      | 23          | 0.742               | 82        | 54          | 0.659               | 5065     | 2334        | 0.461               |
| 180   | 4359    | 6504   | 179182 | <a href="#">Fernando Haas</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>plasma physics   quantum mechanics   symmetries and integrability   generalized Hamiltonian structures   Ermakov systems                               | 31      | 17          | 0.548               | 65        | 34          | 0.523               | 4976     | 1606        | 0.323               |
| 1229  | 4360    | 6505   | 179196 | <a href="#">José Antônio Baddini Martinez</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Asma. Pneumologia Geral  | 31      | 17          | 0.548               | 80        | 41          | 0.513               | 4966     | 1450        | 0.292               |
| 176   | 4361    | 6509   | 179321 | <a href="#">Fernando Luiz Pellegrini Pessoa</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química/Bioquímica   | 31      | 19          | 0.613               | 109       | 42          | 0.385               | 4884     | 1727        | 0.354               |
| 322   | 4362    | 6512   | 179385 | <a href="#">Denis José Schiozer</a>               |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>petroleum engineering   reservoir engineering  | 31      | 22          | 0.710               | 148       | 77          | 0.520               | 4843     | 2561        | 0.529               |
| 18  | 4363    | 6514   | 179432 | <a href="#">Yuri Lr Leite</a>                     |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity   Evolution   Mammalogy   Systematics   Conservation Biology   | 31      | 21          | 0.677               | 57        | 39          | 0.684               | 4814     | 1842        | 0.383               |
| 271   | 4364    | 6516   | 179466 | <a href="#">Marcelo Carvalho Minhoto Teixeira</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Control theory and applications   fuzzy control   LMI   variable structure   adaptive and switched systems | 31      | 22          | 0.710               | 104       | 60          | 0.577               | 4796     | 2228        | 0.465               |
| 272   | 4365    | 6517   | 179480 | <a href="#">Jg Pereira</a>                        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Gravitation   Cosmology  | 31      | 17          | 0.548               | 70        | 27          | 0.386               | 4791     | 1736        | 0.362               |















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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 273   | 4366    | 6518   | 179498 | <a href="#">Jose Marcos Lopes</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Mathematics</a><br>Ensino de Probabilidade   Ensino de Matemática   Ensino de Estatística   Jogos   Resolução de Problemas                  | 31      | 22          | 0.710               | 107       | 42          | 0.393               | 4784     | 2089        | 0.437               |
| 33  | 4367    | 6519   | 179506 | <a href="#">Luiz Antônio Franco Da Silva</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">GrandesAnimaisEVZUG</a><br>Cirurgia bovina   cirurgia experimental   cirurgia de equinos   | 31      | 18          | 0.581               | 139       | 47          | 0.338               | 4780     | 1962        | 0.410               |
| 19  | 4368    | 6525   | 179636 | <a href="#">Teodiano Freire Bastos Filho</a> |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robótica   Processamento de Sinais   | 31      | 26          | 0.839               | 125       | 62          | 0.496               | 4706     | 2455        | 0.522               |
| 82  | 4369    | 6526   | 179664 | <a href="#">José Eduardo Dos Santos</a>      |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de ecossistemas  | 31      | 18          | 0.581               | 94        | 34          | 0.362               | 4694     | 1643        | 0.350               |
| 120   | 4370    | 6527   | 179717 | <a href="#">Darcilio Baptista</a>            |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Lab.de Avaliação e Promoção da Saúde Ambiental</a>   | 31      | 21          | 0.677               | 53        | 33          | 0.623               | 4661     | 1640        | 0.352               |
| 1230  | 4371    | 6528   | 179763 | <a href="#">Vinicius Nahime De Brito</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia Pediátrica   Distúrbios da Puberdade   Puberdade Precoce                      | 31      | 24          | 0.774               | 63        | 46          | 0.730               | 4639     | 2415        | 0.521               |
| 1231  | 4372    | 6529   | 179773 | <a href="#">Arlindo Philippi Junior</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>Políticas Públicas e Gestão Ambiental   | 31      | 19          | 0.613               | 78        | 42          | 0.538               | 4632     | 1516        | 0.327               |
| 2   | 4373    | 6532   | 179795 | <a href="#">Moacir Franco De Oliveira</a>    |  Brazil  | <a href="#">Universidade Federal Rural do Semi-Árido UFERSA</a>        | <a href="#">Medical and Health Sciences / Anatomy</a><br>Morfofisiologia   Anatomia Animal   | 31      | 20          | 0.645               | 128       | 52          | 0.406               | 4625     | 2192        | 0.474               |
| 39  | 4374    | 6533   | 179798 | <a href="#">Lidia Angulo Meza</a>            |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Envelopment Analysis   DEA   Efficiency   Multiobjective   Eco-efficiency                          | 31      | 21          | 0.677               | 71        | 42          | 0.592               | 4625     | 1752        | 0.379               |
| 274   | 4375    | 6535   | 179877 | <a href="#">Alcides Lopes Leão</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | natural polymers   composites   residues   diving   travelling ...   | 31      | 20          | 0.645               | 75        | 50          | 0.667               | 4591     | 2373        | 0.517               |
| 1232  | 4376    | 6536   | 179892 | <a href="#">Aline Campos</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto</a><br>Neuropsychopharmacology  | 31      | 28          | 0.903               | 50        | 47          | 0.940               | 4584     | 3018        | 0.658               |
| 323   | 4377    | 6538   | 179915 | <a href="#">Carlos Eduardo Vaz Rossell</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Collaborator:NIPE/UNICAMP</a><br>Etanol   subprodutos e novos produtos da cana de açúcar e outros substratos açucarados (GI e GII)   hidrólise de bagaço e lig | 31      | 24          | 0.774               | 57        | 36          | 0.632               | 4574     | 2263        | 0.495               |
| 62  | 4378    | 6542   | 179982 | <a href="#">Amaury Paulo De Souza</a>        |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Engineering</a><br>Ergonomia   Colheita de madeira   colheita florestal   mecanizacao florestal                                 | 31      | 16          | 0.516               | 139       | 52          | 0.374               | 4542     | 1767        | 0.389               |
| 324   | 4379    | 6543   | 179995 | <a href="#">Nelson Fonseca</a>               |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              |  | 31      | 21          | 0.677               | 132       | 53          | 0.402               | 4534     | 1966        | 0.434               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 82  | 4380    | 6545   | 180020 | <a href="#">Amauri Rosenthal</a>                    |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a>   | 31      | 24          | 0.774               | 66        | 55          | 0.833               | 4522     | 2135        | 0.472               |
| 21  | 4381    | 6547   | 180119 | <a href="#">Ariovaldo A Giarretta</a>               |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Zoology   Biodiversity   Systematics   Taxonomy   Anura  | 31      | 18          | 0.581               | 93        | 51          | 0.548               | 4472     | 1432        | 0.320               |
| 114   | 4382    | 6549   | 180155 | <a href="#">Luis Alonso</a>                         |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Associação Livre de Morfologia e Genética</a><br>Genes do desenvolvimento   Genética Molecular   Dismorfologia  | 31      | 15          | 0.484               | 92        | 34          | 0.370               | 4456     | 1264        | 0.284               |
| 1233  | 4383    | 6551   | 180216 | <a href="#">Rossana Pulcineli Vieira Francisco</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Obstetrics   Fetal Medicine   High-Risk Pregnancy   Gestational Diabetes   Preeclampsia  | 31      | 25          | 0.806               | 112       | 72          | 0.643               | 4431     | 2796        | 0.631               |
| 31  | 4384    | 6552   | 180237 | <a href="#">Antônia Lêda Oliveira Silva</a>         |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontologia  | 31      | 24          | 0.774               | 104       | 53          | 0.510               | 4424     | 2266        | 0.512               |
| 325   | 4385    | 6553   | 180245 | <a href="#">Arnaldo Walter</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Unicamp</a><br>energy   bioenergy   sustainability   climate changes  | 31      | 21          | 0.677               | 72        | 36          | 0.500               | 4423     | 1405        | 0.318               |
| 275   | 4386    | 6554   | 180273 | <a href="#">Maria Aparecida Marchesan Rodrigues</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia diagnóstica   patologia gastrointestinal   | 31      | 20          | 0.645               | 89        | 36          | 0.404               | 4412     | 1220        | 0.277               |
| 326   | 4387    | 6555   | 180306 | <a href="#">Enrique Ortega</a>                      |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ecologia de Sistemas   Engenharia e Economia Ecológicas   Análise Emergética   Modelagem e simulação de sistemas   Termodinâmica | 31      | 21          | 0.677               | 67        | 35          | 0.522               | 4402     | 1628        | 0.370               |
| 121   | 4388    | 6558   | 180382 | <a href="#">Letícia De Oliveira Cardoso</a>         |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Oswaldo Cruz Foundation</a>   | 31      | 24          | 0.774               | 61        | 48          | 0.787               | 4364     | 3079        | 0.706               |
| 122   | 4389    | 6560   | 180458 | <a href="#">Jaime Lopes Da Mota Oliveira</a>        |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador em Saúde Pública</a><br>Saneamento Ambiental  | 31      | 20          | 0.645               | 59        | 32          | 0.542               | 4336     | 1950        | 0.450               |
| 1234  | 4390    | 6561   | 180466 | <a href="#">Marcelo Nunes Silva</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology  | 31      | 18          | 0.581               | 70        | 33          | 0.471               | 4332     | 2421        | 0.559               |
| 107   | 4391    | 6563   | 180504 | <a href="#">Sandra Caponi</a>                       |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">History, Philosophy, Theology / History</a><br>história da medicina   história da psiquiatria   epistemologia   bioética  | 31      | 22          | 0.710               | 75        | 52          | 0.693               | 4319     | 1999        | 0.463               |
| 6   | 4392    | 6564   | 180526 | <a href="#">Claudio Viegas Jr</a>                   |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Medicinal   química orgânica   síntese orgânica   farmacologia  | 31      | 22          | 0.710               | 53        | 44          | 0.830               | 4310     | 2229        | 0.517               |
| 2   | 4393    | 6572   | 180617 | <a href="#">Solange Binotto Fagan</a>               |  Brazil | <a href="#">Universidade Franciscana</a>                               | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanociências   simulação   ensino  | 31      | 20          | 0.645               | 68        | 30          | 0.441               | 4277     | 1379        | 0.322               |


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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 83  | 4394    | 6573   | 180644 | <a href="#">Edy Brito</a>   | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Agroindústria Tropical</a><br>Alimentos  | 31      | 25          | 0.806               | 73        | 56          | 0.767               | 4268     | 2494        | 0.584               |
| 276   | 4395    | 6574   | 180648 | <a href="#">Márcia Regina De Moura Aouada</a>                     | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia   Polímeros   Filmes comestíveis   Embalagens ativas                             | 31      | 21          | 0.677               | 50        | 38          | 0.760               | 4268     | 2527        | 0.592               |
| 1235  | 4396    | 6575   | 180679 | <a href="#">José Álvaro Moisés</a>                                | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>Democratization   Political Culture   Political Participation   Political Trust   Political Transition                    | 31      | 15          | 0.484               | 60        | 24          | 0.400               | 4259     | 1039        | 0.244               |
| 65  | 4397    | 6577   | 180784 | <a href="#">Olaf Mielke</a>                                       | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Lepidoptera   Entomologia   | 31      | 17          | 0.548               | 128       | 52          | 0.406               | 4221     | 1492        | 0.353               |
| 7   | 4398    | 6581   | 180847 | <a href="#">Felipe P Carpes</a>                                   | <br>Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Pampa</a><br>Neuromechanics   Kinesiology   Behavioral neuroscience   Motor Control   Scientific writing.  | 31      | 24          | 0.774               | 100       | 72          | 0.720               | 4197     | 2572        | 0.613               |
| 2   | 4399    | 6583   | 180880 | <a href="#">Mauricio Horta</a>                                    | <br>Brazil   | <a href="#">Universidade Federal do Vale do São Francisco UNIVASF</a>  | <a href="#">Doenças ParasitáriasValeSãofrancisco</a><br>Doenças parasitárias   Doenças infecciosas   | 31      | 24          | 0.774               | 56        | 47          | 0.839               | 4187     | 1871        | 0.447               |
| 38  | 4400    | 6584   | 180888 | <a href="#">Ana Paula Frederico Rodrigues Loureiro Bracarense</a> | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Pathology   Mycotoxins   Marine Animal Pathology   | 31      | 27          | 0.871               | 85        | 55          | 0.647               | 4184     | 2454        | 0.587               |
| 20  | 4401    | 6586   | 180900 | <a href="#">Camila C. Ribas</a>                                   | <br>Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Instituto Nacional de Pesquisas da Amazônia</a><br>Amazonian biogeography   systematics   evolution   scientific collections   | 31      | 26          | 0.839               | 56        | 47          | 0.839               | 4180     | 2919        | 0.698               |
| 81  | 4402    | 6587   | 180911 | <a href="#">Maria Teresa Salles Trevisan</a>                      | <br>Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   biotecnologia   ambiental   alimentos  | 31      | 23          | 0.742               | 61        | 46          | 0.754               | 4175     | 1889        | 0.452               |
| 11  | 4403    | 6588   | 180919 | <a href="#">Vicente Silva</a>                                     | <br>Brazil | <a href="#">Universidade Federal de Campina Grande</a>                 | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>climatologia   agrometeorologia   | 31      | 22          | 0.710               | 72        | 49          | 0.681               | 4172     | 1967        | 0.471               |
| 1236  | 4404    | 6589   | 180941 | <a href="#">Denis Wolf</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robotics   Mobile Robotics   Intelligent Vehicles   Machine Learning   Computer Vision | 31      | 22          | 0.710               | 70        | 43          | 0.614               | 4164     | 1983        | 0.476               |
| 22  | 4405    | 6591   | 181014 | <a href="#">Valder Steffen Jr</a>                                 | <br>Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>dynamics   optimization and inverse problems   rotordynamics   smart structures                         | 31      | 20          | 0.645               | 99        | 52          | 0.525               | 4138     | 1642        | 0.397               |
| 4   | 4406    | 6592   | 181016 | <a href="#">Inês Barbosa De Oliveira</a>                          | <br>Brazil | <a href="#">Universidade Estácio de Sá</a>                             | <a href="#">Education / Education</a><br>Cotidiano Escolar   novas epistemologias e educação   políticaspráticas educacionais cotidianas   currículo                             | 31      | 21          | 0.677               | 59        | 38          | 0.644               | 4137     | 1518        | 0.367               |

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| University  | Country | Region | World  | Name  | Country  | University                                      | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 4407    | 6593   | 181033 | <a href="#">Paulo Ricardo Criado</a>                |  Brazil   | Fundação e Faculdade de Medicina do ABC         | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>urticaria   vasculites   micoses superficiais e profundas   trombofilias                | 31      | 25          | 0.806               | 113       | 75          | 0.664               | 4132     | 2485        | 0.601               |
| 123   | 4408    | 6600   | 181205 | <a href="#">Frederico Peres</a>                     |  Brazil   | Fundação Oswaldo Cruz                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health  | 31      | 19          | 0.613               | 56        | 37          | 0.661               | 4080     | 1510        | 0.370               |
| 3   | 4409    | 6602   | 181224 | <a href="#">Guilherme Malafaia</a>                  |  Brazil   | Instituto Federal Goiano                        | <a href="#">Natural Sciences / Biological Science</a><br>Comportamento animal   toxicologia ambiental   impacto ambiental   neurociência                             | 31      | 28          | 0.903               | 125       | 100         | 0.800               | 4074     | 3089        | 0.758               |
| 1237  | 4410    | 6603   | 181231 | <a href="#">Scrideli Or Scridelli Or Scirelli</a>   |  Brazil   | Universidade de São Paulo USP                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Oncology   Pediatric Hematology   Leukemia   CNS tumor                        | 31      | 20          | 0.645               | 104       | 56          | 0.538               | 4071     | 1680        | 0.413               |
| 1238  | 4411    | 6606   | 181274 | <a href="#">Jeane M Tsutsui</a>                     |  Brazil   | Universidade de São Paulo USP                   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Ecocardiografia   contraste ecocardiográfico   ecocardiografia sob estresse   reserva de fluxo coronário | 31      | 15          | 0.484               | 66        | 25          | 0.379               | 4057     | 1498        | 0.369               |
| 7   | 4412    | 6607   | 181284 | <a href="#">Ana Carolina Lorena</a>                 |  Brazil   | Instituto Tecnológico de Aeronáutica ITA        | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Aprendizado de Máquina   Mineração de Dados   Machine Learning   Data Mining   Data Science  | 31      | 23          | 0.742               | 64        | 43          | 0.672               | 4052     | 2363        | 0.583               |
| 1239  | 4413    | 6608   | 181293 | <a href="#">Paula Montero</a>                       |  Brazil   | Universidade de São Paulo USP                   | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   | 31      | 19          | 0.613               | 57        | 30          | 0.526               | 4051     | 1310        | 0.323               |
| 1240  | 4414    | 6609   | 181308 | <a href="#">Alfredo Inácio Fiorelli</a>             |  Brazil   | Universidade de São Paulo USP                   | <a href="#">MedicinPFMP</a><br>Cirurgia Torácica e Cardiovascular   Transplante Cardíaco   Cardiomiopatias   Doença de Chagas   Biopsia de Coração - Marca-pas       | 31      | 18          | 0.581               | 87        | 32          | 0.368               | 4045     | 1162        | 0.287               |
| 6   | 4415    | 6613   | 181368 | <a href="#">Nilson Dias Vieira Junior</a>           |  Brazil   | Instituto de Pesquisas Energeticas e Nucleares  | <a href="#">IPEN</a><br>lasers   applications   materials   short pulses   color centers   | 31      | 17          | 0.548               | 99        | 31          | 0.313               | 4027     | 1189        | 0.295               |
| 181   | 4416    | 6617   | 181433 | <a href="#">Julio Otavio Jardim Barcellos</a>       |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS | <a href="#">SistemasProduçãOdeBovinosCorteeAgronegóciosNESPRO/UFRGS</a><br>sistemas de produção   produção animal  | 31      | 20          | 0.645               | 110       | 66          | 0.600               | 4006     | 1991        | 0.497               |
| 40  | 4417    | 6618   | 181504 | <a href="#">Julio Cesar Stacchini De Souza</a>      |  Brazil   | Universidade Federal Fluminense                 | Estimação de Estado   Inteligência Computacional   Sistemas de Potência  | 31      | 18          | 0.581               | 68        | 34          | 0.500               | 3990     | 1833        | 0.459               |
| 327   | 4418    | 6619   | 181507 | <a href="#">Margareth Guimaraes Lima</a>            |  Brazil | Universidade Estadual de Campinas UNICAMP       | <a href="#">DSC/Campinas</a><br>Saúde Coletiva   | 31      | 28          | 0.903               | 54        | 49          | 0.907               | 3990     | 3283        | 0.823               |
| 1241  | 4419    | 6620   | 181533 | <a href="#">Carlos Alberto Scrideli</a>             |  Brazil | Universidade de São Paulo USP                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Hematology/Oncology   | 31      | 20          | 0.645               | 102       | 54          | 0.529               | 3982     | 1622        | 0.407               |
| 39  | 4420    | 6621   | 181534 | <a href="#">George Darmiton Da Cunha Cavalcanti</a> |  Brazil | Universidade Federal de Pernambuco              | <a href="#">UniversidPernambucoBrazil</a><br>Machine Learning   Ensemble Learning   Multiple Classifier System   Meta-learning                                       | 31      | 24          | 0.774               | 88        | 50          | 0.568               | 3982     | 2540        | 0.638               |
| 1242  | 4421    | 6623   | 181558 | <a href="#">Antonio Nelson Rodrigues Da Silva</a>   |  Brazil | Universidade de São Paulo USP                   | <a href="#">Social Sciences / Transportation Science &amp; Technology</a><br>Transportation Engineering  | 31      | 21          | 0.677               | 88        | 51          | 0.580               | 3977     | 1878        | 0.472               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 4422    | 6624   | 181570 | <a href="#">Glenn Shepard</a>                    |  Brazil   | <a href="#">Museu Paraense Emílio Goeldi</a>                           | <a href="#">Dept. Anthropology, Museu Paraense Emílio Goeldi</a><br>Indigenous ethnology   ethnobiology   medical anthropology   human ecology                    | 31      | 26          | 0.839               | 55        | 40          | 0.727               | 3973     | 1684        | 0.424               |
| 5   | 4423    | 6625   | 181574 | <a href="#">Luciana Londero Brandli</a>          |  Brazil   | <a href="#">Universidade de Passo Fundo</a>                            | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>2030 Agenda   Sustainability   Civil Engineering  | 31      | 28          | 0.903               | 52        | 47          | 0.904               | 3972     | 3430        | 0.864               |
| 1243  | 4424    | 6626   | 181628 | <a href="#">Paulo Sampaio Gutierrez</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Cora-Asafo</a><br>Patologia Cardiovascular  | 31      | 16          | 0.516               | 52        | 25          | 0.481               | 3954     | 902         | 0.228               |
| 1244  | 4425    | 6627   | 181629 | <a href="#">Paulo Nussenzweig</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Quantum optics and quantum information  | 31      | 20          | 0.645               | 42        | 24          | 0.571               | 3954     | 1349        | 0.341               |
| 177   | 4426    | 6630   | 181682 | <a href="#">Julio Afonso</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Meio Ambiente   | 31      | 19          | 0.613               | 80        | 41          | 0.513               | 3941     | 1424        | 0.361               |
| 328   | 4427    | 6631   | 181700 | <a href="#">Antonia Cecilia Zacagnini Amaral</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>biologia marinha   | 31      | 19          | 0.613               | 127       | 47          | 0.370               | 3933     | 1500        | 0.381               |
| 7   | 4428    | 6634   | 181756 | <a href="#">Paulo Tarso S Oliveira</a>           |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Hydrology   Catchment Hydrology   Soil erosion   Ecohydrology           | 31      | 29          | 0.935               | 68        | 60          | 0.882               | 3918     | 3081        | 0.786               |
| 1245  | 4429    | 6636   | 181773 | <a href="#">Fabiana Benatti</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Campinas</a><br>Exercício   nutrição   metabolismo  | 31      | 26          | 0.839               | 62        | 53          | 0.855               | 3915     | 2303        | 0.588               |
| 63  | 4430    | 6637   | 181825 | <a href="#">Reinaldo Bertola Cantarutti</a>      |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">UFV</a><br>Solos   fertilidade do solo  | 31      | 17          | 0.548               | 57        | 31          | 0.544               | 3902     | 1103        | 0.283               |
| 1246  | 4431    | 6639   | 181834 | <a href="#">Patricia Leila Santos</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psychology   Health Sciences  | 31      | 22          | 0.710               | 73        | 52          | 0.712               | 3900     | 2153        | 0.552               |
| 329   | 4432    | 6641   | 181919 | <a href="#">Daniela Magalhães Prates</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia internacional   economia monetária e financeira   economia brasileira e macroeconomia aberta | 31      | 21          | 0.677               | 91        | 42          | 0.462               | 3881     | 1667        | 0.430               |
| 194   | 4433    | 6642   | 181948 | <a href="#">Fabiola M Ribeiro</a>                |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   | 31      | 25          | 0.806               | 65        | 54          | 0.831               | 3871     | 2616        | 0.676               |
| 277   | 4434    | 6644   | 181984 | <a href="#">Tadeu Siqueira</a>                   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity Science   Metacommunity Ecology   Freshwater Ecology   Numerical Ecology                    | 31      | 27          | 0.871               | 59        | 49          | 0.831               | 3862     | 2466        | 0.639               |
| 61  | 4435    | 6645   | 182009 | <a href="#">Elias Martins</a>                    |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia   Melhoramento Genético Animal   | 31      | 13          | 0.419               | 106       | 26          | 0.245               | 3853     | 1002        | 0.260               |










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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 4436    | 6647   | 182039 | <a href="#">Pedro Pedrosa Rebouças Filho, P. P.</a> |  Brazil   | <a href="#">Instituto Federal de Educação de Ciência e Tecnologia do Ceará</a>                   | <a href="#">LAPISCO - IFCE / PPGCC - IFCE / PPGETI - UFC / PPGEE - UFC</a><br>Computer Vision   Applied Artificial Intelligence   Biomedical Systems   Intelligent Systems   Embedded System   | 31      | 30          | 0.968               | 90        | 82          | 0.911               | 3844     | 3509        | 0.913               |
| 1247  | 4437    | 6648   | 182048 | <a href="#">Angelo P Jacomino</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSão Paulo Escola Superior Agricultura `Luiz Queiroz`</a><br>Fruticultura   Pós-colheita   | 31      | 16          | 0.516               | 106       | 40          | 0.377               | 3842     | 1203        | 0.313               |
| 34  | 4438    | 6649   | 182055 | <a href="#">Ana Paula Junqueira Kipnis</a>          |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>  | <a href="#">Medical and Health Sciences / Immunology</a><br>Microbiologia molecular  | 31      | 21          | 0.677               | 69        | 43          | 0.623               | 3841     | 1298        | 0.338               |
| 82  | 4439    | 6650   | 182056 | <a href="#">Raimundo Figueiredo</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e tecnologia de alimentos   | 31      | 19          | 0.613               | 94        | 51          | 0.543               | 3840     | 1699        | 0.442               |
| 4   | 4440    | 6651   | 182063 | <a href="#">Luiz Antonio Joia</a>                   |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Full Professor Brazilian School of Public and Business Administration at Getulio Vargas ...</a><br>Digital Transformation   ICT for Development   Knowledge Management   The Dark Side of ICT   Smart & Sustainable City | 31      | 20          | 0.645               | 82        | 43          | 0.524               | 3839     | 1599        | 0.417               |
| 1248  | 4441    | 6652   | 182070 | <a href="#">Ana Lúcia Kassouf</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia do Bem-Estar Social   | 31      | 19          | 0.613               | 76        | 38          | 0.500               | 3837     | 1357        | 0.354               |
| 84  | 4442    | 6653   | 182094 | <a href="#">Roberto Fontes Vieira</a>               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Pesquisador, Embrapa Recursos Genéticos e Biotecnologia</a><br>recursos genéticos   plantas medicinais e aromáticas  | 31      | 20          | 0.645               | 62        | 38          | 0.613               | 3832     | 1626        | 0.424               |
| 1249  | 4443    | 6656   | 182151 | <a href="#">Mauricio Pietrocola</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Education / Education</a><br>Education   Science Education   | 31      | 19          | 0.613               | 65        | 35          | 0.538               | 3819     | 1455        | 0.381               |
| 29  | 4444    | 6659   | 182186 | <a href="#">Marco Aurelio Cavalcanti Pacheco</a>    |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>                       | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Inteligência Computacional   Nanotecnologia   Otimização   Simulação e Gerência de Reservatório de Petróleo                                | 31      | 15          | 0.484               | 81        | 28          | 0.346               | 3812     | 1099        | 0.288               |
| 1250  | 4445    | 6660   | 182227 | <a href="#">Yogiro Hama</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear   Partículas Elementares  | 31      | 13          | 0.419               | 71        | 20          | 0.282               | 3803     | 505         | 0.133               |
| 330   | 4446    | 6661   | 182247 | <a href="#">Antonio De Azevedo Barros Filho</a>     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | Crescimento   nutrição   antropometria   | 31      | 18          | 0.581               | 90        | 35          | 0.389               | 3795     | 1207        | 0.318               |
| 278   | 4447    | 6664   | 182299 | <a href="#">Eduardo Passos Rocha</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Finite element analysis   Implantology   Bone   CAD-CAM   Dental Esthetics  | 31      | 21          | 0.677               | 79        | 45          | 0.570               | 3780     | 1460        | 0.386               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 1251  | 4448    | 6665   | 182307 | <a href="#">Claudio Ruggieri</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Fracture Mechanics   Structural Integrity Methodologies   Fatigue   Local Approaches for Brittle and Ductile Fracture  | 31    | 20          | 0.645               | 64    | 38          | 0.594               | 3778  | 1251        | 0.331               |
| 182   | 4449    | 6666   | 182308 | <a href="#">Rodrigo CD Paiva</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>hydrology   | 31    | 29          | 0.935               | 55    | 54          | 0.982               | 3778  | 2976        | 0.788               |
| 1252  | 4450    | 6667   | 182320 | <a href="#">Sorahia Domenice</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">HospitaldasClínicasMedicinP</a><br>Distúrbios do Desenvolvimento Sexual   Adrenal   Puberdade Precoce  | 31    | 25          | 0.806               | 62    | 44          | 0.710               | 3776  | 1656        | 0.439               |
| 1253  | 4451    | 6668   | 182333 | <a href="#">Jorge Casseb</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MedicinTropical</a><br>Retrovirus  | 31    | 19          | 0.613               | 96    | 44          | 0.458               | 3774  | 1371        | 0.363               |
| 64  | 4452    | 6669   | 182353 | <a href="#">Simone Ef Guimarães</a>         |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Science   Molecular Biology   Omics   Biotechnology  | 31    | 22          | 0.710               | 113   | 64          | 0.566               | 3765  | 1935        | 0.514               |
| 23  | 4453    | 6670   | 182354 | <a href="#">Luiz Renato Paranhos</a>        |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia / Saúde Coletiva  | 31    | 23          | 0.742               | 105   | 76          | 0.724               | 3764  | 2378        | 0.632               |
| 178   | 4454    | 6671   | 182357 | <a href="#">Nelson FF Ebecken</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computational Intelligence   Petroleum Engineering  | 31    | 16          | 0.516               | 100   | 34          | 0.340               | 3763  | 1190        | 0.316               |
| 331   | 4455    | 6674   | 182426 | <a href="#">Marco Antonio Teixeira</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Mathematics</a><br>Mathematics - Dynamical Systems  | 31    | 22          | 0.710               | 76    | 42          | 0.553               | 3745  | 1685        | 0.450               |
| 179   | 4456    | 6675   | 182433 | <a href="#">Clemax Couto Sant Anna</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">deMedicinRioJaneiro</a><br>tuberculose na infância   infecções respiratórias na infância   pneumologia pediátrica  | 31    | 16          | 0.516               | 79    | 34          | 0.430               | 3744  | 1216        | 0.325               |
| 83  | 4457    | 6679   | 182522 | <a href="#">Paulo Sérgio Dourado Arrais</a> |  Brazil | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Saúde Coletiva   Medicamento   Assistência Farmacêutica   Farmácia Clínica   Educação Farmacêutica | 31    | 27          | 0.871               | 49    | 39          | 0.796               | 3723  | 2195        | 0.590               |
| 20  | 4458    | 6680   | 182553 | <a href="#">Dirceu Pratisoli</a>            |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>          | <a href="#">Natural Sciences / Biological Science</a><br>Biological control   Parasitoid   Trichogramma  | 31    | 17          | 0.548               | 100   | 30          | 0.300               | 3716  | 1287        | 0.346               |
| 180   | 4459    | 6681   | 182554 | <a href="#">Segen Estefen</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Ocean Structures Integrity   Renewable Ocean Energy   Subsea Engineering                                 | 31    | 23          | 0.742               | 87    | 52          | 0.598               | 3716  | 2105        | 0.566               |
| 85  | 4460    | 6682   | 182594 | <a href="#">Vinicius De Melo Benites</a>    |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Soil Fertility   Fertilizer   organic residues   | 31    | 21          | 0.677               | 60    | 35          | 0.583               | 3708  | 1514        | 0.408               |
| 83  | 4461    | 6684   | 182647 | <a href="#">Flavio Henrique Silva</a>       |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cistatina   cisteino protease   cana-de-açúcar   Metagenômica   Bioetanol   | 31    | 20          | 0.645               | 79    | 52          | 0.658               | 3696  | 1377        | 0.373               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 332   | 4462    | 6685   | 182649 | <a href="#">Soely Polydoro</a>                               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Social Sciences / Psychology</a><br>Psicologia Educacional   Educação Superior   Teoria Social Cognitiva  | 31      | 21          | 0.677               | 60        | 45          | 0.750               | 3696     | 1830        | 0.495               |
| 11  | 4463    | 6687   | 182724 | <a href="#">Antonio Fernando Bertachini de Almeida Prado</a> |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>astrodynamics   space dynamics   orbital mechanics   mission design   aerospace engineering                   | 31      | 16          | 0.516               | 107       | 40          | 0.374               | 3680     | 1308        | 0.355               |
| 1254  | 4464    | 6688   | 182740 | <a href="#">Ana Lucia Lei Munhoz Lima</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Colaborate</a><br>Bone and Joint Infections   | 31      | 20          | 0.645               | 90        | 40          | 0.444               | 3677     | 1839        | 0.500               |
| 3   | 4465    | 6689   | 182754 | <a href="#">Luiz Augusto Horta Nogueira</a>                  |  Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                 | <a href="#">UNI</a><br>bioenergy   biofuels   energy efficiency   cogeneration  | 31      | 20          | 0.645               | 72        | 36          | 0.500               | 3675     | 1356        | 0.369               |
| 1255  | 4466    | 6690   | 182782 | <a href="#">Paulo Henrique Mazza Rodrigues</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Ruminant nutrition   | 31      | 20          | 0.645               | 99        | 35          | 0.354               | 3669     | 1524        | 0.415               |
| 32  | 4467    | 6691   | 182787 | <a href="#">Emidio VI Da Cunha</a>                           |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacognosia   Química de Produtos Naturais  | 31      | 17          | 0.548               | 85        | 39          | 0.459               | 3668     | 1186        | 0.323               |
| 183   | 4468    | 6692   | 182814 | <a href="#">Edson Bertolini</a>                              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Fitopatologia   Microbiologia   virus   | 31      | 19          | 0.613               | 51        | 29          | 0.569               | 3663     | 1153        | 0.315               |
| 1256  | 4469    | 6693   | 182827 | <a href="#">Luiz Menna Barreto</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Human biological rhythms  | 31      | 19          | 0.613               | 84        | 35          | 0.417               | 3659     | 1178        | 0.322               |
| 27  | 4470    | 6694   | 182845 | <a href="#">Allan Costa</a>                                  |  Brazil  | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Ciência da Computação   Metodologia e Técnicas da Computação   Sistemas de Informação   Hardware   Teleinformática | 31      | 17          | 0.548               | 101       | 32          | 0.317               | 3656     | 1119        | 0.306               |
| 195   | 4471    | 6696   | 182890 | <a href="#">Teresa Cristina A Ferrari</a>                    |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Medicina   Clínica Médica   Infectologia   Imunologia   Hepatologia   | 31      | 22          | 0.710               | 66        | 34          | 0.515               | 3646     | 1687        | 0.463               |
| 279   | 4472    | 6697   | 182922 | <a href="#">Ana Teresa De Abreu Ramos Cerqueira</a>          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Social Sciences / Psychology</a><br>saúde mental   psicologia da saúde e envelhecimento   | 31      | 20          | 0.645               | 53        | 30          | 0.566               | 3640     | 1473        | 0.405               |
| 31  | 4473    | 6698   | 182932 | <a href="#">Matheus Freitas</a>                              |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   | 31      | 15          | 0.484               | 119       | 34          | 0.286               | 3637     | 1268        | 0.349               |
| 4   | 4474    | 6700   | 182950 | <a href="#">Anselmo Cardoso De Paiva</a>                     |  Brazil | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Graphics   Image Processing   Medical Images   GIS   Virtual and Augmented Reality                        | 31      | 25          | 0.806               | 79        | 61          | 0.772               | 3632     | 2528        | 0.696               |










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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 4475    | 6701   | 182973 | <a href="#">Eduardo Borba Neves</a>                                       |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Education / Education</a><br>Educação Física   Engenharia Biomédica   Saúde Pública   Reabilitação  | 31      | 24          | 0.774               | 90        | 70          | 0.778               | 3627     | 2342        | 0.646               |
| 27  | 4476    | 6702   | 182974 | <a href="#">Maria Emilia Yamamoto</a>                                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Social Sciences / Psychology</a><br>Evolutionary Psychology   Animal Behavior   Primate Behavior   Eating Behavior  | 31      | 19          | 0.613               | 74        | 38          | 0.514               | 3627     | 1545        | 0.426               |
| 84  | 4477    | 6704   | 183005 | <a href="#">Ducinei Garcia</a>  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Physics</a><br>materiais multiferroicos   ferroeletricidade   eletro-óptica   ensino de física   | 31      | 13          | 0.419               | 119       | 27          | 0.227               | 3619     | 941         | 0.260               |
| 280   | 4478    | 6705   | 183014 | <a href="#">John Fredy Franco</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems   Distribution Networks   Smart Grids   Distributed Energy Resources  | 31      | 28          | 0.903               | 53        | 47          | 0.887               | 3618     | 2737        | 0.756               |
| 281   | 4479    | 6706   | 183023 | <a href="#">Maria Aparecida Zaghete</a>                                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Processamento Químico de Materiais   Nanotecnologia   Materiais Sensores   Materiais Piezeletricos   Biossensores     | 31      | 21          | 0.677               | 102       | 44          | 0.431               | 3615     | 1480        | 0.409               |
| 20  | 4480    | 6709   | 183051 | <a href="#">Abraão Fontes Baptista</a>                                    |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">ABC</a><br>Dor   Fisioterapia   Neuromodulação   Lesão Nervosa Periférica   | 31      | 27          | 0.871               | 64        | 54          | 0.844               | 3608     | 2321        | 0.643               |
| 282   | 4481    | 6712   | 183126 | <a href="#">Frederico Ozanam Papa</a>                                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Biotecnologia do Sêmen   Garanhão   Equino   | 31      | 21          | 0.677               | 101       | 58          | 0.574               | 3591     | 1705        | 0.475               |
| 333   | 4482    | 6713   | 183214 | <a href="#">Andréa Trevas Maciel Guerra</a>                               |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética clínica   distúrbios da diferenciação do sexo   | 31      | 16          | 0.516               | 94        | 40          | 0.426               | 3572     | 1183        | 0.331               |
| 85  | 4483    | 6714   | 183225 | <a href="#">Caio Gomide Otoni</a>   |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Biopolymers   Biocolloids   Nanocellulose   Multifunctional Materials   Packaging | 31      | 28          | 0.903               | 47        | 46          | 0.979               | 3571     | 3144        | 0.880               |
| 35  | 4484    | 6715   | 183234 | <a href="#">Alejandro Luquetti</a>  |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Federal University Goiás, Brazil</a><br>Chagas disease  | 31      | 16          | 0.516               | 52        | 21          | 0.404               | 3569     | 1209        | 0.339               |
| 1257  | 4485    | 6717   | 183303 | <a href="#">Keigo Minami</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Agricultural and Biosystems Engineering</a>  | 31      | 12          | 0.387               | 84        | 20          | 0.238               | 3556     | 607         | 0.171               |
| 2   | 4486    | 6718   | 183318 | <a href="#">Fernando Rosado Spilki</a><br><a href="#">Fernando Spilki</a> |  Brazil | <a href="#">Universidade FEEVALE</a>                                   | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia   Virology   Veterinary Medicine   One Medicine   One Health  | 31      | 22          | 0.710               | 101       | 56          | 0.554               | 3553     | 1997        | 0.562               |
| 46  | 4487    | 6720   | 183355 | <a href="#">Josicelia Dumêt Fernandes</a>                                 |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | enfermagem   saúde pública  | 31      | 18          | 0.581               | 75        | 32          | 0.427               | 3544     | 1133        | 0.320               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 1258  | 4488    | 6721   | 183360 | <a href="#">Maria Do Carmo Calijuri</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Saneamento ambiental   | 31    | 19          | 0.613               | 78    | 44          | 0.564               | 3542  | 1436        | 0.405               |
| 124   | 4489    | 6722   | 183362 | <a href="#">Núbia Boechat</a>                 |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química medicinal   síntese de fármacos   gestão tecnológica                                      | 31    | 25          | 0.806               | 75    | 47          | 0.627               | 3541  | 2160        | 0.610               |
| 1259  | 4490    | 6724   | 183368 | <a href="#">Silvia Vanessa Lourenço</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | patologia   embriologia   dermatopatologia   estomatologia  | 31    | 21          | 0.677               | 92    | 59          | 0.641               | 3540  | 1787        | 0.505               |
| 334   | 4491    | 6725   | 183370 | <a href="#">Camila Alves De Rezende</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Bioenergy and materials</a><br>Bioenergy and materials  | 31    | 29          | 0.935               | 59    | 49          | 0.831               | 3540  | 2448        | 0.692               |
| 283   | 4492    | 6729   | 183519 | <a href="#">Maria Arcida Zaghete</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>química de materiais  | 31    | 21          | 0.677               | 99    | 43          | 0.434               | 3510  | 1428        | 0.407               |
| 1260  | 4493    | 6730   | 183521 | <a href="#">Carlos Alberto Montanari</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal Chemistry   | 31    | 18          | 0.581               | 84    | 38          | 0.452               | 3510  | 1249        | 0.356               |
| 1261  | 4494    | 6731   | 183523 | <a href="#">Mario Terra Filho</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">FMP</a><br>Pneumopatias ocupacionais e ambientais   circulação pulmonar   métodos diagnósticos por imagem                                     | 31    | 17          | 0.548               | 70    | 34          | 0.486               | 3510  | 1084        | 0.309               |
| 1262  | 4495    | 6732   | 183531 | <a href="#">Otavio Thiemann</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Parasitologia   Protozoologia   Bioquímica   Biologia Molecular   Biologia Estrutural                       | 31    | 18          | 0.581               | 62    | 37          | 0.597               | 3509  | 959         | 0.273               |
| 1263  | 4496    | 6735   | 183594 | <a href="#">Lislaine Aparecida Fracoli</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">SaúdeColetiv&amp;#226;!</a><br>saude da familia   saude coletiva   promoção da saúde  | 31    | 20          | 0.645               | 77    | 42          | 0.545               | 3497  | 1563        | 0.447               |
| 1264  | 4497    | 6736   | 183605 | <a href="#">Fauze Maluf Filho</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterology   Endoscopy  | 31    | 20          | 0.645               | 69    | 43          | 0.623               | 3495  | 1583        | 0.453               |
| 3   | 4498    | 6737   | 183612 | <a href="#">Francisco Bezerra Neto</a>        |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFRSA</a>         | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Science   Agroforestry   Agroecology   Crop production   Agricultural Experimentation | 31    | 19          | 0.613               | 104   | 57          | 0.548               | 3494  | 1488        | 0.426               |
| 30  | 4499    | 6738   | 183620 | <a href="#">Moacir Elias</a>                  |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  |   | 31    | 26          | 0.839               | 89    | 60          | 0.674               | 3493  | 2127        | 0.609               |
| 5   | 4500    | 6740   | 183629 | <a href="#">Denise Grotto</a>                 |  Brazil  | <a href="#">Universidade de Sorocaba</a>                               | Toxicologia   estresse oxidativo   bioquímica   | 31    | 23          | 0.742               | 56    | 48          | 0.857               | 3491  | 1913        | 0.548               |
| 47  | 4500    | 6740   | 183629 | <a href="#">Camila Alexandrina Figueiredo</a> |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">SaúdeBahia</a><br>imunologia   imunogenética   imunoepidemiologia   | 31    | 23          | 0.742               | 56    | 51          | 0.911               | 3491  | 1826        | 0.523               |
| 184   | 4502    | 6743   | 183642 | <a href="#">Dimitrios Samios</a>              |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Physical chemistry and Informatics  | 31    | 18          | 0.581               | 83    | 33          | 0.398               | 3487  | 1017        | 0.292               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 65  | 4503    | 6744   | 183651 | <a href="#">Demetrius David Silva</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Hidrologia e Recursos Hídricos</a><br>Hidrologia   Recursos Hídricos   Modelagem Hidrológica   Planejamento e Gestão de Recursos Hídricos                 | 31      | 22          | 0.710               | 86        | 45          | 0.523               | 3485     | 1726        | 0.495               |
| 40  | 4504    | 6745   | 183677 | <a href="#">Irani Iracema De Lima Argimon</a>         |  <a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>Avaliação e Intervenção Ciclo Vital   | 31      | 22          | 0.710               | 94        | 54          | 0.574               | 3481     | 1626        | 0.467               |
| 86  | 4505    | 6748   | 183697 | <a href="#">Geraldo B Martha Jr</a>                   |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Agriculture &amp; Forestry / Agricultural Economics</a><br>agricultural economics   agricultural systems   strategic intelligence   bio-economic modeling | 31      | 16          | 0.516               | 62        | 27          | 0.435               | 3477     | 1250        | 0.360               |
| 284   | 4506    | 6749   | 183709 | <a href="#">Paulo Eduardo Martins Ribolla</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      |   | 31      | 21          | 0.677               | 69        | 47          | 0.681               | 3475     | 1328        | 0.382               |
| 1265  | 4507    | 6750   | 183715 | <a href="#">Fernando Luis Consoli</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>entomology   symbiosis   host regulation   polidnavirus   parasitoid   | 31      | 18          | 0.581               | 84        | 41          | 0.488               | 3474     | 1602        | 0.461               |
| 1266  | 4508    | 6751   | 183726 | <a href="#">Marcelo De Assumpção Pereira Da Silva</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>ciencia dos materiais   | 31      | 19          | 0.613               | 76        | 48          | 0.632               | 3473     | 1434        | 0.413               |
| 196   | 4509    | 6752   | 183741 | <a href="#">Raquel Conceição Ferreira</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Saúde Coletiva   Saúde do Idoso  | 31      | 24          | 0.774               | 99        | 80          | 0.808               | 3469     | 2272        | 0.655               |
| 285   | 4510    | 6753   | 183757 | <a href="#">Paulo Noronha Lisboa Filho</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   Biomaterials  | 31      | 22          | 0.710               | 98        | 60          | 0.612               | 3466     | 1844        | 0.532               |
| 335   | 4511    | 6754   | 183769 | <a href="#">Ines Monteiro</a>                         |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Work and health   sustainability   entrepreneurship   innovation   future trends                      | 31      | 21          | 0.677               | 61        | 42          | 0.689               | 3464     | 1953        | 0.564               |
| 7   | 4512    | 6755   | 183786 | <a href="#">Niklaus Ursus Wetter</a>                  |  <a href="#">Brazil</a> | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>              | <a href="#">Senior researcher at IPEN/SP - University of São Paulo</a><br>Solid-State Lasers   Random Lasers   Diode-Pumping  | 31      | 19          | 0.613               | 72        | 40          | 0.556               | 3460     | 1266        | 0.366               |
| 41  | 4513    | 6757   | 183817 | <a href="#">Leticia De Oliveira</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                             | neuroimage   artificial intelligence   emotion   fMRI   human behavior  | 31      | 24          | 0.774               | 60        | 48          | 0.800               | 3453     | 1741        | 0.504               |
| 10  | 4514    | 6759   | 183833 | <a href="#">Christiano JS De Matos</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade Presbiteriana Mackenzie</a>                        | <a href="#">Natural Sciences / Physics</a><br>Photonics   Fiber   Graphene   Phosphorene   Nonlinear Optics   | 31      | 18          | 0.581               | 61        | 29          | 0.475               | 3450     | 1406        | 0.408               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 87  | 4515    | 6760   | 183841 | <a href="#">Edson Perito Amorim</a>           |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Plant Breeding   Molecular Biology   Banana  | 31      | 23          | 0.742               | 82        | 57          | 0.695               | 3448     | 2313        | 0.671               |
| 62  | 4516    | 6761   | 183847 | <a href="#">Lenamar Fiorese Vieira</a>        |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Social Sciences / Psychology</a><br>Psicologia do esporte   desenvolvimento motor   psicologia do exercicio   | 31      | 24          | 0.774               | 104       | 73          | 0.702               | 3447     | 2176        | 0.631               |
| 197   | 4517    | 6762   | 183853 | <a href="#">Rafaela Salgado Ferreira</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>neglected diseases   proteases   computer-aided drug design   | 31      | 26          | 0.839               | 61        | 55          | 0.902               | 3446     | 2014        | 0.584               |
| 36  | 4518    | 6763   | 183855 | <a href="#">Marize Campos Valadares</a>       |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>           | Toxicologia   | 31      | 23          | 0.742               | 94        | 61          | 0.649               | 3445     | 2010        | 0.583               |
| 86  | 4519    | 6764   | 183864 | <a href="#">Olimpio Hiroshi Miyagaki</a>      |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">universidadefederalSaoCarlos</a><br>análise   equações diferenciais parciais  | 31      | 20          | 0.645               | 70        | 39          | 0.557               | 3442     | 1577        | 0.458               |
| 80  | 4520    | 6765   | 183870 | <a href="#">JA Araujo</a>                     |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">UnB</a><br>Fatigue   Fracture Mechanics   Fretting Fatigue   Overhead Conductors  | 31      | 24          | 0.774               | 85        | 68          | 0.800               | 3441     | 1939        | 0.563               |
| 1267  | 4521    | 6766   | 183894 | <a href="#">Wellingson Silva Paiva</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Neurocirurgia   Neurotrauma   meningiomas   | 31      | 24          | 0.774               | 105       | 78          | 0.743               | 3435     | 2303        | 0.670               |
| 63  | 4522    | 6769   | 183916 | <a href="#">Wilker Caetano</a>                |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Natural Sciences / Physics</a><br>Físico-Química   Biofísica Molecular   Fotofísica Molecular   Terapia Fotodinâmica  | 31      | 25          | 0.806               | 94        | 77          | 0.819               | 3429     | 2167        | 0.632               |
| 181   | 4523    | 6770   | 183930 | <a href="#">Armando Meyer</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental health   Occupational and Environmental epidemiology   Pesticide exposure   cancer epidemiology | 31      | 18          | 0.581               | 54        | 34          | 0.630               | 3427     | 1140        | 0.333               |
| 21  | 4524    | 6771   | 183937 | <a href="#">Celio Magalhaes</a>               |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>   | 31      | 15          | 0.484               | 73        | 30          | 0.411               | 3425     | 1150        | 0.336               |
| 1268  | 4525    | 6772   | 183945 | <a href="#">Camilo Partezani Helito</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia e Traumatologia   Cirurgia de Joelho  | 31      | 27          | 0.871               | 68        | 58          | 0.853               | 3423     | 2706        | 0.791               |
| 42  | 4526    | 6773   | 183960 | <a href="#">Fernando De Carvalho Da Silva</a> |  Brazil | <a href="#">Universidade Federal Fluminense</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica  | 31      | 23          | 0.742               | 81        | 60          | 0.741               | 3420     | 1955        | 0.572               |
| 1269  | 4527    | 6774   | 183963 | <a href="#">Alberto Villani</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Educação em ciências  | 31      | 15          | 0.484               | 80        | 25          | 0.313               | 3419     | 795         | 0.233               |
| 115   | 4528    | 6777   | 184036 | <a href="#">Adriana Berezovsky</a>            |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">/PaulistMedicina</a><br>Eletrofisiologia Visual Clínica   Epidemiologia Ocular   Neuropatia Óptica Hereditária de Leber   | 31      | 20          | 0.645               | 62        | 36          | 0.581               | 3405     | 1392        | 0.409               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 198   | 4529    | 6778   | 184060 | <a href="#">Míriam Amaral</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">UniversidMinasGerais</a><br>Reúso de água   processos de separação por membranas   recuperação de subprodutos  | 31      | 30          | 0.968               | 91        | 85          | 0.934               | 3401     | 3032        | 0.892               |
| 1270  | 4530    | 6779   | 184069 | <a href="#">Wiliam Alves Do Prado</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    |  | 31      | 12          | 0.387               | 73        | 17          | 0.233               | 3400     | 587         | 0.173               |
| 21  | 4531    | 6780   | 184071 | <a href="#">Francisco Elias Jorge</a>          |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                           | <a href="#">Natural Sciences / Physics</a><br>Física Atômica e Molecular   | 31      | 16          | 0.516               | 62        | 29          | 0.468               | 3400     | 1215        | 0.357               |
| 1271  | 4532    | 6782   | 184086 | <a href="#">Nadia Emi Aikawa</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia Pediátrica  | 31      | 23          | 0.742               | 82        | 65          | 0.793               | 3397     | 1932        | 0.569               |
| 199   | 4533    | 6783   | 184100 | <a href="#">Daniele C Aguiar</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Pharmacology</a><br>endocanabinoides   ansiedade   depressao   modelos animais   obesidade   | 31      | 23          | 0.742               | 53        | 44          | 0.830               | 3396     | 1684        | 0.496               |
| 81  | 4534    | 6785   | 184115 | <a href="#">Claisy Marinho</a>                 |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">Social Sciences / Psychology</a><br>Psicologia Escolar   Psicologia do Desenvolvimento   Educação Superior   | 31      | 21          | 0.677               | 62        | 44          | 0.710               | 3391     | 1704        | 0.503               |
| 13  | 4535    | 6786   | 184134 | <a href="#">Paulo José Zimermann Teixeira</a>  |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Pneumologia   Infecções Respiratórias e DPOC   | 31      | 22          | 0.710               | 66        | 44          | 0.667               | 3386     | 1512        | 0.447               |
| 1272  | 4536    | 6790   | 184199 | <a href="#">Fernanda Maria Togeiro Fugulin</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | Gerenciamento serviços de saúde  | 31      | 16          | 0.516               | 72        | 36          | 0.500               | 3373     | 932         | 0.276               |
| 43  | 4537    | 6791   | 184200 | <a href="#">Emmanuel Vieira Da Silva Filho</a> |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                                  | <a href="#">Biogeoquímica</a><br>Biogeoquímica   Hidrogeoquímica   | 31      | 22          | 0.710               | 70        | 43          | 0.614               | 3373     | 1496        | 0.444               |
| 66  | 4538    | 6793   | 184235 | <a href="#">Paulo Soares</a>                   |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                   | <a href="#">Engineering &amp; Technology / Earth Sciences</a>  | 31      | 21          | 0.677               | 68        | 44          | 0.647               | 3366     | 1306        | 0.388               |
| 116   | 4539    | 6794   | 184248 | <a href="#">Maria Stella Peccin</a>            |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">unifesp</a><br>Pratica Baseada em Evidências   | 31      | 25          | 0.806               | 55        | 45          | 0.818               | 3363     | 1661        | 0.494               |
| 336   | 4540    | 6795   | 184252 | <a href="#">Helder Tedeschi</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>neurocirurgia  | 31      | 20          | 0.645               | 72        | 43          | 0.597               | 3362     | 1315        | 0.391               |
| 337   | 4541    | 6796   | 184261 | <a href="#">Theresa Adrião</a>                 |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Education / Education</a><br>politica educacional  | 31      | 25          | 0.806               | 59        | 45          | 0.763               | 3361     | 1596        | 0.475               |
| 7   | 4542    | 6797   | 184278 | <a href="#">Denismar A Nogueira</a>            |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>                        | <a href="#">Natural Sciences / Mathematics</a><br>Estatística Experimental   Estatística Computacional e simulação   Inferência Bayesiana   Modelos de Regressão   Estatística | 31      | 25          | 0.806               | 88        | 68          | 0.773               | 3358     | 2539        | 0.756               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 4543    | 6799   | 184323 | <a href="#">Luis Felipe Schneider</a><br>     |  Brazil   | <a href="#">Universidade Veiga de Almeida</a>             | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia   materiais odontológicos   dentistry   dental materials   compositor               | 31      | 23          | 0.742               | 57        | 42          | 0.737               | 3352     | 1660        | 0.495               |
| 1273  | 4544    | 6800   | 184334 | <a href="#">Ivo Jorge Prado Arnhold</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             |  | 31      | 15          | 0.484               | 54        | 22          | 0.407               | 3349     | 846         | 0.253               |
| 18  | 4545    | 6801   | 184347 | <a href="#">Edson Bor-Seng-Shu</a>   |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>        | <a href="#">Medical and Health Sciences / Neurology</a><br>Cerebral Hemodynamics   Neurosurgery   Transcranial Doppler   Ultrasound   Neurology            | 31      | 24          | 0.774               | 85        | 65          | 0.765               | 3346     | 1966        | 0.588               |
| 1274  | 4546    | 6802   | 184363 | <a href="#">Flavia Carla Meotti</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Processos redox na Inflamação  | 31      | 21          | 0.677               | 43        | 33          | 0.767               | 3342     | 1199        | 0.359               |
| 1275  | 4547    | 6804   | 184373 | <a href="#">Kathia Maria Honorio</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Computacional   Química Medicinal   Modelagem Molecular                                    | 31      | 20          | 0.645               | 84        | 37          | 0.440               | 3339     | 1767        | 0.529               |
| 1   | 4548    | 6805   | 184398 | <a href="#">Jand Venes Rolim Medeiros</a><br> |  Brazil   | <a href="#">Universidade Federal do Piau</a>              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Inflamação   Mediadores Gasosos   Produtos Naturais | 31      | 26          | 0.839               | 72        | 70          | 0.972               | 3334     | 2343        | 0.703               |
| 33  | 4549    | 6807   | 184449 | <a href="#">Jr Nascimento</a>  |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>      | <a href="#">Natural Sciences / Physics</a><br>Quantum Field Theory   | 31      | 21          | 0.677               | 83        | 49          | 0.590               | 3325     | 1426        | 0.429               |
| 32  | 4550    | 6808   | 184454 | <a href="#">Von Pinho Rg</a>   |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>       | <a href="#">UNIVERSIDALAVRAS</a><br>MELHORAMENTO E PRODUÇÃO DE MILHO   | 31      | 18          | 0.581               | 104       | 47          | 0.452               | 3323     | 1316        | 0.396               |
| 338   | 4551    | 6810   | 184481 | <a href="#">Miguel De Arruda Migueldearruda</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | Treinamento esportivo   crescimento físico   maturação biológica   futebol   treino de jovens  | 31      | 22          | 0.710               | 102       | 62          | 0.608               | 3318     | 1738        | 0.524               |
| 1276  | 4552    | 6811   | 184482 | <a href="#">Francisco Wanderley Garcia Paula Silva</a>   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Dentistry   | 31      | 24          | 0.774               | 71        | 54          | 0.761               | 3318     | 1887        | 0.569               |
| 48  | 4553    | 6813   | 184518 | <a href="#">Manoel Gomes De Mendonça Neto</a>  |  Brazil | <a href="#">Universidade Federal da Bahia</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering  | 31      | 22          | 0.710               | 71        | 39          | 0.549               | 3310     | 1598        | 0.483               |
| 182   | 4554    | 6814   | 184524 | <a href="#">Beatriz Meurer Moreira</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>    |  | 31      | 20          | 0.645               | 58        | 37          | 0.638               | 3309     | 1119        | 0.338               |
| 183   | 4555    | 6816   | 184570 | <a href="#">Valmir C Barbosa</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Science  | 31      | 15          | 0.484               | 72        | 21          | 0.292               | 3300     | 989         | 0.300               |
| 1277  | 4556    | 6819   | 184603 | <a href="#">Joao Stenghel Morgante</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Conservação genética   especiação   história do pensamento evolutivo                              | 31      | 16          | 0.516               | 59        | 26          | 0.441               | 3293     | 815         | 0.247               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 339   | 4557    | 6820   | 184609 | <a href="#">Taís De Souza Barbosa</a>          |  Brazil   | Universidade Estadual de Campinas UNICAMP              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Odontopediatria   Fisiologia oral   Saúde Pública  | 31      | 25          | 0.806               | 56        | 52          | 0.929               | 3292     | 1945        | 0.591               |
| 1278  | 4558    | 6822   | 184653 | <a href="#">Tiago Osório Ferreira</a>          |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>soil geochemistry   pedogenesis   wetland soils   mine soils   soil reclamation                                 | 31      | 28          | 0.903               | 73        | 69          | 0.945               | 3281     | 2577        | 0.785               |
| 185   | 4559    | 6823   | 184660 | <a href="#">Lauro Nardi</a>                    |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geology   geochemistry   | 31      | 20          | 0.645               | 90        | 43          | 0.478               | 3278     | 1385        | 0.423               |
| 184   | 4560    | 6826   | 184731 | <a href="#">Claudia Saunders</a>               |  Brazil   | Universidade Federal do Rio de Janeiro                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Nutrição Materna e Infantil   Intervenção Nutricional na Gestação   Deficiências Nutricionais e Gestação de a | 31      | 16          | 0.516               | 84        | 44          | 0.524               | 3265     | 1304        | 0.399               |
| 286   | 4561    | 6827   | 184738 | <a href="#">Rogerio De Castilho Jacinto</a>    |  Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   microbiologia   antibióticos  | 31      | 23          | 0.742               | 44        | 41          | 0.932               | 3265     | 1571        | 0.481               |
| 33  | 4562    | 6828   | 184739 | <a href="#">José Tarcísio Lima</a>             |  Brazil   | Universidade Federal de Lavras UFLA                    | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Tecnologia e Utilização de Produtos Florestais   | 31      | 17          | 0.548               | 93        | 49          | 0.527               | 3264     | 1476        | 0.452               |
| 117   | 4563    | 6829   | 184741 | <a href="#">Antonio De Miranda</a>             |  Brazil   | Universidade Federal de São Paulo UNIFESP              | <a href="#">Medical and Health Sciences / Biophysics</a><br>Obesity   antimicrobial peptides   erectile dysfunction   spemicide   | 31      | 17          | 0.548               | 75        | 35          | 0.467               | 3264     | 1065        | 0.326               |
| 22  | 4564    | 6830   | 184743 | <a href="#">Agnaldo Silva Martins</a>          |  Brazil   | Universidade Federal do Espírito Santo                 | <a href="#">UFESEspíritoSanto</a><br>Megafauna marinha   gestão multidisciplinar da pesca   conservação marinha   educação de nível superior  | 31      | 21          | 0.677               | 67        | 43          | 0.642               | 3264     | 1467        | 0.449               |
| 125   | 4565    | 6832   | 184774 | <a href="#">Sandro Antonio Pereira</a>         |  Brazil  | Fundação Oswaldo Cruz                                  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary Medicine   Infectious diseases of the domestic animals   Medical Mycology   Zoonotic diseases                     | 31      | 26          | 0.839               | 61        | 47          | 0.770               | 3258     | 2216        | 0.680               |
| 287   | 4566    | 6833   | 184794 | <a href="#">Arthur Bernardes Cecilio Filho</a> |  Brazil | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Hortaliças   Nutrição de Plantas   Cultivo consorciado  | 31      | 17          | 0.548               | 104       | 58          | 0.558               | 3254     | 1441        | 0.443               |
| 5   | 4567    | 6835   | 184817 | <a href="#">Zeni Carvalho Lamy</a>             |  Brazil | Universidade Federal do Maranhão                       | <a href="#">Maranhão</a><br>Saúde Coletiva e Saúde Materna e Infantil   | 31      | 22          | 0.710               | 54        | 44          | 0.815               | 3250     | 1773        | 0.546               |
| 1279  | 4568    | 6838   | 184910 | <a href="#">Clarice Kazue Fujihara</a>         |  Brazil | Universidade de São Paulo USP                          | <a href="#">RenalSaoã!</a><br>Chronic Kidney Disease  | 31      | 17          | 0.548               | 51        | 30          | 0.588               | 3233     | 765         | 0.237               |
| 64  | 4569    | 6839   | 184913 | <a href="#">Camila Da Silva</a>                |  Brazil | Universidade Estadual de Maringá                       | Tecnologia Supercrítica   Biodiesel   Compostos naturais   Ultrassom   Engenharia Química   | 31      | 25          | 0.806               | 79        | 76          | 0.962               | 3231     | 2226        | 0.689               |
| 1280  | 4570    | 6840   | 184935 | <a href="#">Paulina Sannomiya</a>              |  Brazil | Universidade de São Paulo USP                          | <a href="#">Coraã!foHCFMP</a><br>Inflamação   microcirculação   seps   diabetes   | 31      | 14          | 0.452               | 58        | 26          | 0.448               | 3228     | 819         | 0.254               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 49  | 4571    | 6842   | 184996 | <a href="#">Rosemeire L Fiaccone</a>             |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                           | <a href="#">Natural Sciences / Statistics</a><br>Biostatistics   | 31      | 23          | 0.742               | 51        | 44          | 0.863               | 3217     | 1794        | 0.558               |
| 17  | 4572    | 6846   | 185050 | <a href="#">Claudete Santa Catarina</a>          |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Science   Plant Biotechnology   Plant Physiology                                   | 31      | 23          | 0.742               | 64        | 51          | 0.797               | 3207     | 1625        | 0.507               |
| 1281  | 4573    | 6847   | 185079 | <a href="#">Fernando Salvador Moreno</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Hepatocarcinogênese  | 31      | 17          | 0.548               | 64        | 31          | 0.484               | 3202     | 1679        | 0.524               |
| 1282  | 4574    | 6848   | 185080 | <a href="#">Valdir Sabbaga Amato</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSÃO Paulo</a><br>leishmaniose   doença de chagas  | 31      | 16          | 0.516               | 63        | 33          | 0.524               | 3202     | 954         | 0.298               |
| 185   | 4575    | 6850   | 185136 | <a href="#">Pedro Gabriel Delgado</a>            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   saúde mental   saúde pública   | 31      | 25          | 0.806               | 63        | 35          | 0.556               | 3191     | 1557        | 0.488               |
| 340   | 4576    | 6851   | 185139 | <a href="#">Maria Isabel Felisberti</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>polímeros  | 31      | 18          | 0.581               | 84        | 36          | 0.429               | 3190     | 1120        | 0.351               |
| 23  | 4577    | 6852   | 185142 | <a href="#">Carlos Graeff Teixeira</a>           |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                  | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Interdisciplinaridade   Sociologia da saúde   Redes                      | 31      | 16          | 0.516               | 76        | 42          | 0.553               | 3190     | 1305        | 0.409               |
| 34  | 4578    | 6853   | 185153 | <a href="#">Celso Augusto Guimarães Santos</a>   |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                    | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water Resources  | 31      | 25          | 0.806               | 90        | 72          | 0.800               | 3188     | 2369        | 0.743               |
| 65  | 4579    | 6854   | 185170 | <a href="#">Jeane Eliete Laguilá Visentainer</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                        | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Imunogenética   Imunohematologia  | 31      | 19          | 0.613               | 78        | 51          | 0.654               | 3185     | 1449        | 0.455               |
| 66  | 4580    | 6855   | 185174 | <a href="#">Edgardo Alfonso Gomez Pineda</a>     |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                        | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomateriais   cerâmicas   nanopartículas magnéticas                 | 31      | 24          | 0.774               | 47        | 37          | 0.787               | 3185     | 1585        | 0.498               |
| 10  | 4581    | 6856   | 185232 | <a href="#">Claudia Ferreira Santos</a>          |  Brazil | <a href="#">Universidade Estadual do Ceará</a>                          | Fisiologia e Farmacologia Cardiorrenal   | 31      | 16          | 0.516               | 69        | 38          | 0.551               | 3172     | 1170        | 0.369               |
| 8   | 4582    | 6857   | 185245 | <a href="#">André Vg Cavaliéri</a>               |  Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>aeroacoustics   turbulence   flow control   flow instability   model reduction | 31      | 27          | 0.871               | 64        | 59          | 0.922               | 3170     | 2400        | 0.757               |
| 1283  | 4583    | 6858   | 185251 | <a href="#">Francisco Antonio Monteiro</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Nutrição mineral de Plantas   Nutrição e adubação de plantas forrageiras       | 31      | 17          | 0.548               | 106       | 36          | 0.340               | 3169     | 1022        | 0.322               |
| 108   | 4584    | 6859   | 185294 | <a href="#">Fredel Mc</a>                        |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>             | <a href="#">(Full)MechanicalEngineering&amp;I</a><br>Ceramics   Mechanical Properties   Biomaterials   Composites   Additive Manufacturing.            | 31      | 24          | 0.774               | 92        | 68          | 0.739               | 3162     | 2088        | 0.660               |




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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 35  | 4585    | 6860   | 185313 | <a href="#">Valdir De Andrade Braga</a>             |  Brazil   | Universidade Federal da Paraíba UFPB                   | <a href="#">Cardiovascular Physiology Hypertension Neuroscience </a><br>Cardiovascular Physiology   Hypertension   Neuroscience   | 31    | 22          | 0.710               | 87    | 61          | 0.701               | 3157  | 1784        | 0.565               |
| 1284  | 4586    | 6862   | 185321 | <a href="#">Simone Kashima</a>                      |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Hematology</a><br>Virology   Hematology (sickle cell disease)   | 31    | 19          | 0.613               | 81    | 46          | 0.568               | 3155  | 1456        | 0.461               |
| 50  | 4587    | 6863   | 185330 | <a href="#">Gleidson Giordano Pinto De Carvalho</a> |  Brazil   | Universidade Federal da Bahia                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção animal   avaliação de alimentos para ruminantes   conservação de forragens  | 31    | 18          | 0.581               | 93    | 44          | 0.473               | 3154  | 1477        | 0.468               |
| 288   | 4588    | 6864   | 185339 | <a href="#">Anselmo Gomes De Oliveira</a>           |  Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmaceutical Nanotechnology   Controlled Drug Delivery Systems  | 31    | 17          | 0.548               | 65    | 38          | 0.585               | 3153  | 1028        | 0.326               |
| 118   | 4589    | 6866   | 185362 | <a href="#">Giselle Zenker Justo</a>                |  Brazil   | Universidade Federal de São Paulo UNIFESP              | <a href="#">UNIFESPDiadema</a>  | 31    | 19          | 0.613               | 58    | 36          | 0.621               | 3150  | 1366        | 0.434               |
| 67  | 4590    | 6867   | 185381 | <a href="#">Andre Padial</a>                        |  Brazil   | Universidade Federal do Paraná                         | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Community Ecology   Biodiversity   Aquatic Ecosystems  | 31    | 25          | 0.806               | 59    | 55          | 0.932               | 3147  | 2151        | 0.684               |
| 1285  | 4591    | 6868   | 185387 | <a href="#">Benedicto Oscar Colli</a>               |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Tumores da Base do Crânio   | 31    | 17          | 0.548               | 65    | 33          | 0.508               | 3146  | 1016        | 0.323               |
| 186   | 4592    | 6870   | 185406 | <a href="#">Luis Mauricio Tr Lima</a>               |  Brazil   | Universidade Federal do Rio de Janeiro                 | <a href="#">Natural Sciences / Biological Science</a><br>Crystallography   Structural Biology   Protein Folding   Pharmaceutical Biotechnology  | 31    | 18          | 0.581               | 66    | 38          | 0.576               | 3142  | 1232        | 0.392               |
| 289   | 4593    | 6871   | 185420 | <a href="#">Luzia Aparecida Trinca</a>              |  Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Natural Sciences / Statistics</a><br>Statistics   design of experiments   | 31    | 14          | 0.452               | 55    | 29          | 0.527               | 3139  | 846         | 0.270               |
| 1286  | 4594    | 6872   | 185472 | <a href="#">Elisa Mitiko Kawamoto</a>               |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociência  | 31    | 22          | 0.710               | 47    | 38          | 0.809               | 3130  | 1469        | 0.469               |
| 36  | 4595    | 6873   | 185483 | <a href="#">Laercio Losano</a>                      |  Brazil  | Universidade Federal da Paraíba UFPB                   | <a href="#">Universidade Federal da Paraíba</a>   | 31    | 21          | 0.677               | 72    | 46          | 0.639               | 3127  | 1285        | 0.411               |
| 5   | 4596    | 6875   | 185540 | <a href="#">Adriana Rolim Campos</a>                |  Brazil | Universidade de Fortaleza UNIFOR                       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Dor orofacial   Roedores   Zebrafish   | 31    | 22          | 0.710               | 80    | 62          | 0.775               | 3116  | 1653        | 0.530               |
| 1287  | 4597    | 6876   | 185545 | <a href="#">Felipe V. Gomes</a>                     |  Brazil | Universidade de São Paulo USP                          |   | 31    | 28          | 0.903               | 48    | 42          | 0.875               | 3116  | 2189        | 0.703               |
| 109   | 4598    | 6877   | 185549 | <a href="#">Alfeu Zanotto Filho</a>                 |  Brazil | Universidade Federal de Santa Catarina UFSC            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cancer   obesity and cancer   chemoresistance   targeted therapy   | 31    | 23          | 0.742               | 51    | 35          | 0.686               | 3115  | 1622        | 0.521               |
| 1288  | 4599    | 6879   | 185599 | <a href="#">Clea Rodrigues Leone</a>                |  Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Neonatologia   nutrição perinatal   insuficiência respiratória no recém-nascido   recém-nascido pré-termo   crescimento intr | 31    | 14          | 0.452               | 66    | 26          | 0.394               | 3104  | 702         | 0.226               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 290   | 4600    | 6880   | 185610 | <a href="#">Ariel Antonio Mendes</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Ciencias agrarias   | 31      | 16          | 0.516               | 82        | 29          | 0.354               | 3101     | 839         | 0.271               |
| 1289  | 4601    | 6882   | 185654 | <a href="#">Marcelo Gomes</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Physics</a><br>Physics   | 31      | 12          | 0.387               | 87        | 20          | 0.230               | 3091     | 643         | 0.208               |
| 1290  | 4602    | 6883   | 185674 | <a href="#">José Alexandre M Barbutto</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Oncologia  | 31      | 20          | 0.645               | 73        | 43          | 0.589               | 3087     | 1639        | 0.531               |
| 200   | 4603    | 6884   | 185709 | <a href="#">Felipe Paiva Fonseca</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology and Oral Medicine   | 31      | 26          | 0.839               | 96        | 85          | 0.885               | 3079     | 2369        | 0.769               |
| 186   | 4604    | 6887   | 185782 | <a href="#">Manoel Santana Filho</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Bucal   Cirurgia Bucomaxilofacial   Estomatologia  | 31      | 20          | 0.645               | 65        | 35          | 0.538               | 3067     | 1313        | 0.428               |
| 8   | 4605    | 6888   | 185823 | <a href="#">Valeria Cf Barbosa</a>                   |  Brazil   | <a href="#">Observatorio Nacional</a>                                   | <a href="#">OBSERVATORIO NACIONAL Geophysics</a><br>Exploration geophysics   Potential fields   Applied Geophysics   Geofísica   Geociências                                  | 31      | 23          | 0.742               | 53        | 37          | 0.698               | 3059     | 1404        | 0.459               |
| 1291  | 4606    | 6889   | 185833 | <a href="#">Adriana Moraes Leite</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Ribeirão Preto</a><br>Enfermagem obstétrica e neonatal  | 31      | 18          | 0.581               | 58        | 34          | 0.586               | 3057     | 1048        | 0.343               |
| 18  | 4607    | 6890   | 185847 | <a href="#">Richard Ian Samuels</a>                  |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">UENF</a><br>Entomologia   | 31      | 19          | 0.613               | 66        | 44          | 0.667               | 3053     | 1282        | 0.420               |
| 1292  | 4608    | 6891   | 185859 | <a href="#">Ana Cristina D Andretta Tanaka</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">SaúMaternoInfantil</a><br>saúde materna   saúde da mulher   mortalidade materna   | 31      | 14          | 0.452               | 55        | 22          | 0.400               | 3052     | 820         | 0.269               |
| 119   | 4609    | 6892   | 185862 | <a href="#">Paulo Jose Ferreira Tucci</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Physiology</a><br>Função cardíaca   | 31      | 21          | 0.677               | 75        | 40          | 0.533               | 3051     | 1346        | 0.441               |
| 84  | 4610    | 6893   | 185876 | <a href="#">Magno José Duarte Cândido</a>            |  Brazil  | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">ForragiculturaePastagensZootecniDZ/CCA/UFC</a><br>forragicultura   manejo de pastagens   conservação de forragens   nutrição de ruminantes   comportamento animal | 31      | 14          | 0.452               | 80        | 30          | 0.375               | 3048     | 1215        | 0.399               |
| 187   | 4611    | 6895   | 185880 | <a href="#">Tania Ortega Tania M Ortega-Carvalho</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   Reproduction   metabolism   thyroid   | 31      | 20          | 0.645               | 66        | 44          | 0.667               | 3047     | 1768        | 0.580               |
| 341   | 4612    | 6897   | 185896 | <a href="#">André Moreno Morcillo</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria  | 31      | 18          | 0.581               | 90        | 41          | 0.456               | 3043     | 1221        | 0.401               |
| 28  | 4613    | 6898   | 185911 | <a href="#">João Farias Guerreiro</a>                |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana e Médica   | 31      | 16          | 0.516               | 65        | 26          | 0.400               | 3040     | 813         | 0.267               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 40  | 4614    | 6901   | 185960 | <a href="#">Walter Mendes De Azevedo</a>          |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   física e materiais   | 31      | 14          | 0.452               | 91        | 25          | 0.275               | 3030     | 839         | 0.277               |
| 10  | 4615    | 6902   | 185962 | <a href="#">Vanessa Moraes De Andrade</a>         |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>                                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   mutagênese   | 31      | 21          | 0.677               | 64        | 53          | 0.828               | 3030     | 1650        | 0.545               |
| 1293  | 4616    | 6903   | 185971 | <a href="#">Suely Itsuko Ciosak</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | enfermagem   atenção básica   idoso  | 31      | 20          | 0.645               | 67        | 33          | 0.493               | 3028     | 1259        | 0.416               |
| 8   | 4617    | 6904   | 185994 | <a href="#">Claudio Augusto Gomes Da Camara</a>   |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>                                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Química dos produtos Naturais   | 31      | 21          | 0.677               | 73        | 49          | 0.671               | 3022     | 1529        | 0.506               |
| 1294  | 4618    | 6905   | 186007 | <a href="#">Carlos Jardim</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Pulmonary Circulation  | 31      | 20          | 0.645               | 51        | 32          | 0.627               | 3021     | 1226        | 0.406               |
| 1295  | 4619    | 6906   | 186019 | <a href="#">Durvanei Augusto Maria</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular  | 31      | 19          | 0.613               | 83        | 54          | 0.651               | 3018     | 1415        | 0.469               |
| 188   | 4620    | 6909   | 186109 | <a href="#">Edmundo De Souza E Silva</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Systems Modeling and Analysis   Computer Networks   Machine Learning | 31      | 10          | 0.323               | 70        | 13          | 0.186               | 2995     | 403         | 0.135               |
| 5   | 4621    | 6910   | 186114 | <a href="#">Pedro Cavalcanti Ferreira</a>         |  Brazil  | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Graduate School of Economics - Getulio Vargas Foundation</a><br>Growth - Development - Macroeconomics                                | 31      | 16          | 0.516               | 52        | 29          | 0.558               | 2994     | 785         | 0.262               |
| 291   | 4622    | 6911   | 186147 | <a href="#">Sérgio Luis Felisbino</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Biologia Celular   Matriz extracelular   Câncer de Próstata            | 31      | 20          | 0.645               | 83        | 48          | 0.578               | 2986     | 1475        | 0.494               |
| 1296  | 4623    | 6912   | 186168 | <a href="#">Sylvia Rita Marin Da Silva Canini</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Ribeirão Preto</a>   | 31      | 16          | 0.516               | 81        | 41          | 0.506               | 2982     | 933         | 0.313               |
| 1297  | 4624    | 6913   | 186174 | <a href="#">Antonio José Costa Filho</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biophysics of Proteins and Membranes                            | 31      | 18          | 0.581               | 74        | 42          | 0.568               | 2981     | 1204        | 0.404               |
| 1298  | 4625    | 6914   | 186193 | <a href="#">Hugo Ricardo Zschommler Sandim</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Physical Metallurgy                                  | 31      | 22          | 0.710               | 76        | 47          | 0.618               | 2977     | 1516        | 0.509               |
| 87  | 4626    | 6916   | 186211 | <a href="#">Jorge Oishi</a>                       |  Brazil | <a href="#">Universidade Federal de São Carlos</a>   |  | 31      | 19          | 0.613               | 58        | 39          | 0.672               | 2975     | 1026        | 0.345               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 292   | 4627    | 6919   | 186261 | <a href="#">Nogueira MG</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 31      | 19          | 0.613               | 65        | 39          | 0.600               | 2964     | 1095        | 0.369               |
| 1299  | 4628    | 6920   | 186276 | <a href="#">Ariel Mariano Silber</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Main scientific interests: parasite biochemistry and molecular biology   with focus on amino acids metabolism. | 31      | 22          | 0.710               | 66        | 47          | 0.712               | 2959     | 1465        | 0.495               |
| 82  | 4629    | 6922   | 186298 | <a href="#">Jaime Martins Santana</a>             |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a><br>Parasitologia   bioquímica   enzimologia   protozoologia   | 31      | 18          | 0.581               | 68        | 38          | 0.559               | 2953     | 968         | 0.328               |
| 4   | 4630    | 6923   | 186324 | <a href="#">Anderson Paulo De Paiva</a>           |  Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                 | Métodos de otimização   Estatística   Planejamento e Análise de Experimentos   Redes Neurais  | 31      | 24          | 0.774               | 74        | 60          | 0.811               | 2949     | 1940        | 0.658               |
| 50  | 4631    | 6924   | 186363 | <a href="#">Gabriel Kalil Rocha Pereira</a>       |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biomateriais   | 31      | 30          | 0.968               | 74        | 73          | 0.986               | 2941     | 2696        | 0.917               |
| 24  | 4632    | 6927   | 186423 | <a href="#">Vielma Luiz Cardoso</a>               |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Processos Bioquímicos   | 31      | 24          | 0.774               | 66        | 60          | 0.909               | 2928     | 1776        | 0.607               |
| 120   | 4633    | 6928   | 186433 | <a href="#">Vanessa Costhek Abilio</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Psychology</a><br>Psicofarmacologia   | 31      | 19          | 0.613               | 60        | 36          | 0.600               | 2926     | 1253        | 0.428               |
| 121   | 4634    | 6929   | 186450 | <a href="#">Maria Christina W Avellar</a>         |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">PaulistMedicinSaoPauloôê!</a><br>Molecular Pharmacology   Epididymis Biology   Reproductive Biology   Male Health   | 31      | 17          | 0.548               | 66        | 30          | 0.455               | 2923     | 900         | 0.308               |
| 67  | 4635    | 6930   | 186455 | <a href="#">Maria Raquel Marçal Natali</a>        |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Histologia   Morfologia Intestinal   Sistema Nervoso Entérico   | 31      | 18          | 0.581               | 85        | 53          | 0.624               | 2921     | 1490        | 0.510               |
| 1300  | 4636    | 6931   | 186456 | <a href="#">Quirijn De Jong Van Lier</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Physics   Root water uptake   crop transpiration   | 31      | 21          | 0.677               | 72        | 43          | 0.597               | 2921     | 1440        | 0.493               |
| 37  | 4637    | 6932   | 186465 | <a href="#">Andris Bakuzis</a>                    |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomagnetismo   nanomedicina   nanopartículas   | 31      | 21          | 0.677               | 69        | 44          | 0.638               | 2919     | 1479        | 0.507               |
| 41  | 4638    | 6933   | 186498 | <a href="#">Luiz Alberto Lira Soares</a>          |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Phytopharmaceutical Technology   Phytochemical Analysis   Chemometrics                          | 31      | 26          | 0.839               | 82        | 62          | 0.756               | 2911     | 1957        | 0.672               |
| 1301  | 4639    | 6934   | 186539 | <a href="#">Silvia Maria Amado João</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>postura   fisioterapia   amplitude de movimento   crianças   | 31      | 21          | 0.677               | 51        | 31          | 0.608               | 2903     | 1147        | 0.395               |
| 187   | 4640    | 6935   | 186568 | <a href="#">Claiton Marlon Dos Santos Scherer</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Ufrgs</a><br>Stratigraphy   Sedimentology   | 31      | 22          | 0.710               | 55        | 43          | 0.782               | 2896     | 1529        | 0.528               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 39  | 4641    | 6936   | 186573 | <a href="#">Rafael Deminice</a>                           |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | Oxidative stress   nutrition   exercise   creatine supplementation   | 31      | 25          | 0.806               | 63        | 51          | 0.810               | 2894     | 2003        | 0.692               |
| 85  | 4642    | 6937   | 186575 | <a href="#">Francisco Airton Rocha</a>                    |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Osteoartrite   | 31      | 20          | 0.645               | 57        | 35          | 0.614               | 2894     | 1102        | 0.381               |
| 37  | 4643    | 6938   | 186576 | <a href="#">Daniel Pellegrino</a>                         |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Análise Funcional Álgebra Teoria Números </a><br>Análise Funcional   Álgebra   Teoria de Números   | 31      | 14          | 0.452               | 68        | 24          | 0.353               | 2893     | 962         | 0.333               |
| 1302  | 4644    | 6939   | 186577 | <a href="#">Beatriz M Januzzi Mendes</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Biotecnologia Vegetal  | 31      | 15          | 0.484               | 70        | 29          | 0.414               | 2892     | 790         | 0.273               |
| 2   | 4645    | 6941   | 186592 | <a href="#">Suzana Marta Cavenaghi</a>                    |  Brazil   | <a href="#">Escola Nacional de Ciências Estatísticas</a>               | <a href="#">Professora da Escola Nacional de Ciências Estatísticas, IBGE</a><br>Demografia   Fecundidade   Saúde Reprodutiva   Gênero   Famílias                             | 31      | 19          | 0.613               | 60        | 31          | 0.517               | 2888     | 1170        | 0.405               |
| 6   | 4646    | 6942   | 186630 | <a href="#">Ana Cristina de Oliveira Monteiro Moreira</a> |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>                       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   proteomic analysis   nanotechnology science and applications   Lectins   biomarkers in medicine | 31      | 25          | 0.806               | 71        | 59          | 0.831               | 2878     | 1793        | 0.623               |
| 28  | 4647    | 6943   | 186631 | <a href="#">Artur J Lemonte</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">RioGrandeNorteNatal/RNBrazil</a><br>Higher order asymptotics - Mathematical Statistics - Regression Models   | 31      | 22          | 0.710               | 66        | 40          | 0.606               | 2878     | 1565        | 0.544               |
| 293   | 4648    | 6946   | 186708 | <a href="#">Janaina Habib Jorge</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | prótese   materiais dentários   biocompatibilidade   | 31      | 22          | 0.710               | 65        | 47          | 0.723               | 2859     | 1456        | 0.509               |
| 83  | 4649    | 6948   | 186769 | <a href="#">Anamélia Lorenzetti Bocca</a>                 |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Titular</a><br>imunologia   biologia celular   microbiologia   micologia   | 31      | 22          | 0.710               | 66        | 51          | 0.773               | 2840     | 1516        | 0.534               |
| 294   | 4650    | 6949   | 186784 | <a href="#">Aldiéris Alves Pesqueira</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese Dentária   Implantodontia   Materiais Dentários   | 31      | 20          | 0.645               | 69        | 47          | 0.681               | 2836     | 1430        | 0.504               |
| 68  | 4651    | 6950   | 186793 | <a href="#">Marcelo MS Lima</a>                           |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Physiology</a><br>Doença de Parkinson   Regulação do sono   Sistema dopaminérgico   Olfacção   Neuroproteção                       | 31      | 20          | 0.645               | 47        | 40          | 0.851               | 2835     | 1309        | 0.462               |
| 189   | 4652    | 6953   | 186852 | <a href="#">Alexandre Torres</a>                          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 |  | 31      | 26          | 0.839               | 56        | 46          | 0.821               | 2819     | 1891        | 0.671               |
| 86  | 4653    | 6955   | 186871 | <a href="#">Roberto César Pereira Lima Júnior</a>         |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Inflammation   anticancer drug toxicities                             | 31      | 22          | 0.710               | 56        | 50          | 0.893               | 2814     | 1903        | 0.676               |
| 1303  | 4654    | 6956   | 186909 | <a href="#">Cristine Homsí Jorge Ferreira</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Saúde da Mulher   ciclo vital   assoalho pélvico   parto                                       | 31      | 23          | 0.742               | 63        | 51          | 0.810               | 2804     | 1726        | 0.616               |
| 69  | 4655    | 6957   | 186923 | <a href="#">Henry Louis Spach</a>                         |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia   | 31      | 17          | 0.548               | 91        | 47          | 0.516               | 2800     | 1134        | 0.405               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1304  | 4656    | 6959   | 186934 | <a href="#">Primavera Borelli</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Hematology</a><br>hematologia   fisiopatologia da desnutrição   biologia celular   inflamação   célula tronco  | 31      | 19          | 0.613               | 67        | 41          | 0.612               | 2798     | 1206        | 0.431               |
| 51  | 4657    | 6961   | 187007 | <a href="#">Sandro Santos</a>                                   |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Carcinologia  | 31      | 18          | 0.581               | 91        | 57          | 0.626               | 2778     | 1283        | 0.462               |
| 342   | 4658    | 6962   | 187009 | <a href="#">Nicola Conran</a>                                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">a/er</a><br>Medicine/Biochemistry  | 31      | 20          | 0.645               | 56        | 46          | 0.821               | 2778     | 1391        | 0.501               |
| 295   | 4659    | 6964   | 187072 | <a href="#">Helena Redigolo Pezza Or Redigolo H Or Pezza Hr</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>analytical chemistry   green chemistry   | 31      | 19          | 0.613               | 83        | 41          | 0.494               | 2757     | 1385        | 0.502               |
| 38  | 4660    | 6965   | 187080 | <a href="#">Luciane Rezende Costa</a>                           |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Primeira infância   ansiedade e dor em odontopediatria  | 31      | 22          | 0.710               | 66        | 47          | 0.712               | 2756     | 1507        | 0.547               |
| 1305  | 4661    | 6968   | 187105 | <a href="#">Patricia Moreira De Freitas</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a>  | 31      | 20          | 0.645               | 57        | 40          | 0.702               | 2748     | 1248        | 0.454               |
| 296   | 4662    | 6969   | 187122 | <a href="#">Cláudio Antonio Talge Carvalho</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 31      | 22          | 0.710               | 56        | 43          | 0.768               | 2742     | 1531        | 0.558               |
| 8   | 4663    | 6971   | 187140 | <a href="#">José Francisco De Oliveira Júnior</a>               |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>                        | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorologia   Climatologia   Poluição Atmosférica e Qualidade do Ar   Meteorologia de Incêndio   Seca e Desertificação | 31      | 30          | 0.968               | 70        | 65          | 0.929               | 2736     | 2470        | 0.903               |
| 1   | 4664    | 6972   | 187158 | <a href="#">Geraldo Magela Salome</a>                           |  Brazil  | <a href="#">Universidade do Vale do Sapucaí</a>                        | Feridas   Diabetic Foot Care.   tecnologia   | 31      | 20          | 0.645               | 72        | 53          | 0.736               | 2732     | 1438        | 0.526               |
| 6   | 4665    | 6974   | 187175 | <a href="#">Erika Barbara Abreu Fonseca Thomaz</a>              |  Brazil | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health  | 31      | 27          | 0.871               | 77        | 64          | 0.831               | 2727     | 2070        | 0.759               |
| 201   | 4666    | 6977   | 187188 | <a href="#">Elene Cristina Pereira Maia</a>                     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Bioinorgânica  | 31      | 19          | 0.613               | 56        | 36          | 0.643               | 2723     | 1080        | 0.397               |
| 24  | 4667    | 6978   | 187195 | <a href="#">Marcos Tadeu D Azeredo Orlando</a>                  |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">/Espírito Santo</a><br>Cerâmicas   Metal-Cerâmicas   Materiais   Cristalografia   Física Nuclear e Aplicada  | 31      | 16          | 0.516               | 67        | 28          | 0.418               | 2721     | 893         | 0.328               |
| 44  | 4668    | 6979   | 187197 | <a href="#">Edwin Elard Garcia Rojas</a>                        |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciencia e Tecnologia de Alimentos   | 31      | 25          | 0.806               | 59        | 44          | 0.746               | 2721     | 1857        | 0.682               |
| 2   | 4669    | 6980   | 187219 | <a href="#">Suzana Maria Ratusznei</a>                          |  Brazil | <a href="#">Instituto Mauá de Tecnologia</a>                           | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Tratamento Biológico de Águas Residuárias   | 31      | 19          | 0.613               | 76        | 36          | 0.474               | 2716     | 960         | 0.353               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1306  | 4670    | 6981   | 187244 | <a href="#">Peter W Kenny</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>physical-organic chemistry   medicinal chemistry   computational chemistry   cheminformatics   drug design   | 31      | 17          | 0.548               | 50        | 27          | 0.540               | 2711     | 852         | 0.314               |
| 1307  | 4671    | 6982   | 187330 | <a href="#">Moriguti Jc</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MediciribeirãoPretoSão</a><br>envelhecimento   | 31      | 20          | 0.645               | 63        | 36          | 0.571               | 2680     | 1198        | 0.447               |
| 1308  | 4672    | 6985   | 187400 | <a href="#">Claudio Romero Farias Marinho</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>malaria   malaria in pregnancy   | 31      | 20          | 0.645               | 64        | 53          | 0.828               | 2654     | 1333        | 0.502               |
| 25  | 4673    | 6986   | 187418 | <a href="#">Isabela Maria Bernardes Goulart</a> |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">deMedicinUberlândiMGBrasil</a><br>Leprosy   Neglected Diseases   Biomarkers  | 31      | 22          | 0.710               | 52        | 39          | 0.750               | 2651     | 1233        | 0.465               |
| 12  | 4674    | 6987   | 187431 | <a href="#">Egon Schnitzler</a>                 |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Natural Sciences / Chemical Sciences</a>   | 31      | 23          | 0.742               | 69        | 48          | 0.696               | 2646     | 1527        | 0.577               |
| 2   | 4675    | 6989   | 187462 | <a href="#">Miguel Luiz Batista Júnior</a>      |  Brazil   | <a href="#">Universidade do Mogi Das Cruzes UMC</a>             | <a href="#">Adipose Tissue Biology Cancer Cachexia Inflammation Metabolism Exercise </a><br>Adipose Tissue Biology   Cancer Cachexia   Inflammation   Metabolism   Exercise                            | 31      | 23          | 0.742               | 44        | 38          | 0.864               | 2637     | 1423        | 0.540               |
| 202   | 4676    | 6990   | 187476 | <a href="#">Lucas Antonio Miranda Ferreira</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Drug delivery   Nanotechnology  | 31      | 24          | 0.774               | 61        | 43          | 0.705               | 2631     | 1340        | 0.509               |
| 1309  | 4677    | 6991   | 187509 | <a href="#">Maria Heloisa Massola Shimizu</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MestreepelFisiopatologiFMP</a><br>Injúria renal aguda - Insuficiência renal crônica - Fisiopatologia renal - Estresse oxidativo  | 31      | 21          | 0.677               | 52        | 40          | 0.769               | 2616     | 1165        | 0.445               |
| 188   | 4678    | 6993   | 187535 | <a href="#">Lisiane Bizarro</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>Experimental psychology   behavioral pharmacology   drug abuse   obesity   eating behavior   | 31      | 20          | 0.645               | 49        | 38          | 0.776               | 2597     | 1197        | 0.461               |
| 1310  | 4679    | 6994   | 187551 | <a href="#">Joao Batista Cesar Neto</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia e Implantes   | 31      | 18          | 0.581               | 58        | 37          | 0.638               | 2588     | 979         | 0.378               |
| 126   | 4680    | 6996   | 187602 | <a href="#">Luiz Anastacio Alves</a>            |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cellular communication   P2 receptors   cellular immunity and physiology   science and computer education and medical education | 31      | 15          | 0.484               | 56        | 34          | 0.607               | 2566     | 926         | 0.361               |
| 51  | 4681    | 6997   | 187618 | <a href="#">Francisco Barros</a>                |  Brazil  | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Ecology   Benthic Ecology   Estuaries   Coral Reefs   Human Impacts   | 31      | 23          | 0.742               | 64        | 55          | 0.859               | 2558     | 1426        | 0.557               |
| 127   | 4682    | 6999   | 187635 | <a href="#">Marcelo G. Lorenzo</a>              |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Biologia  | 31      | 22          | 0.710               | 55        | 41          | 0.745               | 2548     | 1322        | 0.519               |
| 31  | 4683    | 7000   | 187638 | <a href="#">Alan J Mcbride</a>                  |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">UFPEL</a><br>Biotechnology   | 31      | 19          | 0.613               | 48        | 29          | 0.604               | 2547     | 1064        | 0.418               |
| 8   | 4684    | 7001   | 187646 | <a href="#">Alexandre Giusti Paiva</a>          |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>       | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   Neuroimmunoendocrinology   Stress   Sickness behavior   Lactation   | 31      | 20          | 0.645               | 64        | 42          | 0.656               | 2539     | 1149        | 0.453               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 4685    | 7002   | 187649 | <a href="#">Thaís Posser</a>                    |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Toxicologia   | 31      | 20          | 0.645               | 57        | 42          | 0.737               | 2538     | 1214        | 0.478               |
| 84  | 4686    | 7003   | 187683 | <a href="#">Jorge M Oliveira Castro</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Social Sciences / Psychology</a><br>Análise do comportamento   Comportamento do consumidor   Economia Comportamental   Análise comportamental do direito | 31      | 16          | 0.516               | 53        | 33          | 0.623               | 2521     | 799         | 0.317               |
| 45  | 4687    | 7004   | 187694 | <a href="#">Andre Lopes Fuly</a>                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">UNIVERSIDAFEDERALFLUMINENSE</a><br>BIOQUIMICA   PRODUTOS NATURAIS   TOXINOLOGIA   FARMACOLOGIA   HEMOSTASIA  | 31      | 18          | 0.581               | 54        | 37          | 0.685               | 2515     | 919         | 0.365               |
| 128   | 4688    | 7006   | 187725 | <a href="#">Claudia Masini D'Avila-Levy</a>     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Instituto Oswaldo Cruz</a>   | 31      | 20          | 0.645               | 74        | 43          | 0.581               | 2491     | 1253        | 0.503               |
| 110   | 4689    | 7010   | 187756 | <a href="#">Jose Carlos Cunha Petrus</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Processos de Separação com Membranas</a><br>Processos de separação com membranas   | 31      | 21          | 0.677               | 49        | 38          | 0.776               | 2468     | 1194        | 0.484               |
| 3   | 4690    | 7011   | 187787 | <a href="#">Luís Eduardo Silva Soares</a>       |  Brazil   | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais Dentários   Dentística   Engenharia Biomédica   Biomateriais                                    | 31      | 20          | 0.645               | 59        | 44          | 0.746               | 2439     | 1316        | 0.540               |
| 8   | 4691    | 7012   | 187790 | <a href="#">Gustavo Gracioli</a>                |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Biological Science</a><br>entomologia   biogeografia   evolução   parasitismo   | 31      | 17          | 0.548               | 66        | 46          | 0.697               | 2437     | 1113        | 0.457               |
| 297   | 4692    | 7014   | 187812 | <a href="#">Cláudia Pellizzon</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos Naturais   Cicatrização de Pele   Ulceras Gastricas                 | 31      | 22          | 0.710               | 49        | 34          | 0.694               | 2416     | 1161        | 0.481               |
| 343   | 4693    | 7016   | 187833 | <a href="#">Louis Bernard Klaczko</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Evolucao   Microbiologia   Ecologia   Ensino                                       | 31      | 15          | 0.484               | 51        | 24          | 0.471               | 2387     | 596         | 0.250               |
| 7   | 4694    | 7018   | 187902 | <a href="#">Rodolfo Casana</a>                  |  Brazil  | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Maranhão</a><br>Field theory   | 31      | 18          | 0.581               | 56        | 31          | 0.554               | 2295     | 1025        | 0.447               |
| 298   | 4695    | 7020   | 187943 | <a href="#">Fernando Lucas Primo</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanobiotecnologia   Fotoquímica   Fotobiologia   Engenharia de Tecidos              | 31      | 23          | 0.742               | 56        | 48          | 0.857               | 2203     | 1362        | 0.618               |
| 52  | 4696    | 7021   | 187980 | <a href="#">Roberto Rivelino De Melo Moreno</a> |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | Estrutura eletrônica   Simulação computacional atômica   Agregados moleculares   Nanoestruturas  | 31      | 14          | 0.452               | 46        | 23          | 0.500               | 1886     | 839         | 0.445               |
| 1311  | 4697    | 7023   | 188087 | <a href="#">Christian Hoffmann</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | microbial ecology   metagenomics   microbiology  | 30      | 25          | 0.833               | 37        | 34          | 0.919               | 15462    | 8192        | 0.530               |
| 85  | 4698    | 7027   | 188155 | <a href="#">Ana Maria Nogales Vasconcelos</a>   |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Statistics</a><br>Demografia   Estatística   Saúde pública   Educação   | 30      | 22          | 0.733               | 50        | 38          | 0.760               | 12984    | 10494       | 0.808               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 190   | 4699    | 7029   | 188202 | <a href="#">Jose Claudio De Faria Telles</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Computational Mechanics   Numerical Methods   Boundary Element Method | 30      | 11          | 0.367               | 81        | 16          | 0.198               | 11862    | 1446        | 0.122               |
| 129   | 4700    | 7030   | 188226 | <a href="#">Patricia Sampaio Tavares Veras</a>        |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                            | <a href="#">Instituto Gonçalo Moniz - Fundação Oswaldo Cruz</a><br>Parasitologia   Biologia celular da interação parasito-hospedeiro           | 30      | 19          | 0.633               | 53        | 44          | 0.830               | 11407    | 6639        | 0.582               |
| 1312  | 4701    | 7034   | 188326 | <a href="#">Maria Carolina Monard</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">ICMC</a><br>Aprendizado de Máquina   Mineração de Dados e Texto  | 30      | 22          | 0.733               | 86        | 39          | 0.453               | 9645     | 4792        | 0.497               |
| 3   | 4702    | 7035   | 188380 | <a href="#">Gilmar Reis</a>                           |  Brazil   | <a href="#">Pontificia Universidade Católica do Minas Gerais</a> | <a href="#">MinasGerais</a><br>Medicine   Cardiology   Population Research   | 30      | 26          | 0.867               | 40        | 38          | 0.950               | 8985     | 5859        | 0.652               |
| 203   | 4703    | 7036   | 188386 | <a href="#">Luiz Gonzaga Vaz Coelho</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterology   | 30      | 18          | 0.600               | 64        | 27          | 0.422               | 8912     | 3474        | 0.390               |
| 20  | 4704    | 7037   | 188390 | <a href="#">Maria Do Carmo Galiuzzi</a>               |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>          | <a href="#">Education / Education</a><br>Educação  | 30      | 20          | 0.667               | 55        | 35          | 0.636               | 8868     | 4440        | 0.501               |
| 344   | 4705    | 7038   | 188395 | <a href="#">Renata Cunha Matheus Rodrigues Garcia</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>FIB Materials Characterization SEM TEM  | 30      | 27          | 0.900               | 50        | 41          | 0.820               | 8815     | 8256        | 0.937               |
| 191   | 4706    | 7040   | 188484 | <a href="#">Dani Gamerman</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Natural Sciences / Statistics</a><br>Statistics  | 30      | 18          | 0.600               | 59        | 32          | 0.542               | 8250     | 2270        | 0.275               |
| 1313  | 4707    | 7041   | 188510 | <a href="#">Lygia V Pereira</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Biological Science</a>  | 30      | 20          | 0.667               | 65        | 34          | 0.523               | 8043     | 2629        | 0.327               |
| 1314  | 4708    | 7043   | 188746 | <a href="#">Lino De Macedo</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Social Sciences / Psychology</a><br>Jogos   Educação   Psicologia do Desenvolvimento   Saúde Infantil                              | 30      | 16          | 0.533               | 76        | 24          | 0.316               | 6994     | 1876        | 0.268               |
| 1315  | 4709    | 7044   | 188795 | <a href="#">Euridice Martinez Steele</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição em saúde pública   | 30      | 29          | 0.967               | 46        | 46          | 1.000               | 6845     | 6414        | 0.937               |
| 189   | 4710    | 7045   | 188797 | <a href="#">Leandro Duarte</a>                        |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Phylogenetics   Biogeography  | 30      | 24          | 0.800               | 58        | 49          | 0.845               | 6833     | 4318        | 0.632               |
| 1316  | 4711    | 7046   | 188801 | <a href="#">Paula Rt Coelho</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Physics</a><br>astronomy  | 30      | 25          | 0.833               | 54        | 48          | 0.889               | 6820     | 5432        | 0.796               |
| 1317  | 4712    | 7047   | 188878 | <a href="#">Nabil Bonduki</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">FAU-USP</a><br>politica habitacional   planejamento urbano   urbanismo   sustentabilidade urbana   patrimonio cultural             | 30      | 18          | 0.600               | 67        | 36          | 0.537               | 6598     | 2305        | 0.349               |
| 1318  | 4713    | 7050   | 188893 | <a href="#">Renata Elaine Paraizo Leite</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medicida</a>   | 30      | 26          | 0.867               | 60        | 52          | 0.867               | 6552     | 4407        | 0.673               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1319  | 4714    | 7051   | 188895 | <a href="#">Mario Guimaraes Pessoa</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatites virais   NAFLD   doenças autoimunes do Fígado   HCC   Transplante hepático  | 30      | 17          | 0.567               | 46        | 25          | 0.543               | 6545     | 4289        | 0.655               |
| 1320  | 4715    | 7053   | 189019 | <a href="#">Pablo Maria Alberto Pomerantzeff</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a><br>Medicina   Cirurgia Cardíaca  | 30      | 20          | 0.667               | 93        | 44          | 0.473               | 6281     | 2279        | 0.363               |
| 345   | 4716    | 7055   | 189055 | <a href="#">Carneiro Cdr</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geosciences   Geology   Education   Teaching   Environment   | 30      | 23          | 0.767               | 71        | 35          | 0.493               | 6206     | 2313        | 0.373               |
| 1321  | 4717    | 7056   | 189065 | <a href="#">Koichi Sameshima</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Radiology</a><br>biomedical engineering   cognitive neuroscience   multivariate time series analysis   brain connectivity   partial directed coherenc | 30      | 21          | 0.700               | 53        | 28          | 0.528               | 6180     | 1817        | 0.294               |
| 1322  | 4718    | 7058   | 189076 | <a href="#">Marinilce Fagundes Dos Santos</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Migração Celular   Sinalização   Diabetes   Cicatrização   Matriz Extracelular   | 30      | 17          | 0.567               | 53        | 29          | 0.547               | 6152     | 2041        | 0.332               |
| 299   | 4719    | 7059   | 189117 | <a href="#">Horatiu Nastase</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Physics</a><br>Física  | 30      | 15          | 0.500               | 68        | 25          | 0.368               | 6057     | 1342        | 0.222               |
| 300   | 4720    | 7060   | 189147 | <a href="#">Mauro Betti</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Education / Education</a><br>Educação Física escolar   inovação curricular   saberes da Educação Física   esporte e educação   metodologia das pesquisa                             | 30      | 19          | 0.633               | 60        | 38          | 0.633               | 6004     | 1830        | 0.305               |
| 38  | 4721    | 7063   | 189226 | <a href="#">Ademar Pereira De Oliveira</a>       |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                       | <a href="#">Olericultur(CCAUFPB)</a><br>BIOFISICA   FARMACOLOGIA   FISILOGIA  | 30      | 23          | 0.767               | 85        | 52          | 0.612               | 5864     | 3690        | 0.629               |
| 346   | 4722    | 7064   | 189246 | <a href="#">John Monteiro</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Social Sciences / Anthropology</a><br>história indígena   história colonial   etnologia   | 30      | 19          | 0.633               | 60        | 37          | 0.617               | 5830     | 1982        | 0.340               |
| 130   | 4723    | 7065   | 189284 | <a href="#">Carlos As Teles Santos</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Bioestatística   Saude Publica   Nutrição   | 30      | 16          | 0.533               | 55        | 28          | 0.509               | 5767     | 4422        | 0.767               |
| 30  | 4724    | 7066   | 189304 | <a href="#">Clarisse Sieckenius De Souza</a>     |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">InformaticPUCRIO</a><br>Computer Semiotics   Human-Centered Computing   Digital Rhetoric  | 30      | 15          | 0.500               | 93        | 26          | 0.280               | 5738     | 1199        | 0.209               |
| 347   | 4725    | 7067   | 189323 | <a href="#">Hosana Gomes Rodrigues</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Imunologia   Nutrição  | 30      | 24          | 0.800               | 42        | 33          | 0.786               | 5714     | 3371        | 0.590               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 348   | 4726    | 7068   | 189326 | <a href="#">Ademar Romeiro</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Economics &amp; Econometrics / Economics</a><br>agricultura e meio ambiente   economia do meio ambiente   economia ecológica   | 30      | 18          | 0.600               | 69        | 30          | 0.435               | 5706     | 1891        | 0.331               |
| 1323  | 4727    | 7069   | 189330 | <a href="#">Maria Immacolata Vassallo De Lopes</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Business &amp; Management / Communication</a><br>Epistemologia da Comunicação   Teoria da Comunicação   Metodologia da Comunicação   Telenovela   Narrativa ficcional transmíd | 30      | 18          | 0.600               | 84        | 39          | 0.464               | 5696     | 1770        | 0.311               |
| 6   | 4728    | 7070   | 189358 | <a href="#">Valerio De Oliveira Mazzuoli</a>       |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>                         | <a href="#">Law / Law and Legal Studies</a><br>Public International Law   Private International Law   Constitutional Law   Human Rights Law  | 30      | 20          | 0.667               | 69        | 35          | 0.507               | 5666     | 2361        | 0.417               |
| 190   | 4729    | 7071   | 189373 | <a href="#">Rosa Maria Bueno Fischer</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">UFRGS</a><br>mídia e educação   estudos sobre juventude   estudos foucaultianos   filosofia da cultura   cinema e educação   | 30      | 18          | 0.600               | 48        | 24          | 0.500               | 5648     | 1674        | 0.296               |
| 12  | 4730    | 7073   | 189391 | <a href="#">Bader Sawaia</a>                       |  Brazil   | <a href="#">Pontifícia Universidade Católica de São Paulo PUC-SP</a>        | <a href="#">Social Sciences / Psychology</a><br>Psicologia Social  | 30      | 17          | 0.567               | 50        | 22          | 0.440               | 5626     | 1785        | 0.317               |
| 1324  | 4731    | 7076   | 189441 | <a href="#">Maria Helena Rolim Capelato</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">History, Philosophy, Theology / History</a><br>História  | 30      | 17          | 0.567               | 45        | 27          | 0.600               | 5563     | 1556        | 0.280               |
| 39  | 4732    | 7078   | 189467 | <a href="#">Walter Esfrain Pereira</a>             |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição mineral de plantas   Fisiologia da Produção   Fruticultura   | 30      | 20          | 0.667               | 98        | 49          | 0.500               | 5526     | 1616        | 0.292               |
| 88  | 4733    | 7079   | 189472 | <a href="#">Tiago Da Silva Alexandre</a>           |  Brazil  | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontology   Epidemiology   Public Health   Disability   Rehabilitation   | 30      | 27          | 0.900               | 47        | 44          | 0.936               | 5521     | 3716        | 0.673               |
| 1325  | 4734    | 7081   | 189499 | <a href="#">Marília Pinto De Carvalho</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Education / Education</a><br>Educação  | 30      | 19          | 0.633               | 55        | 35          | 0.636               | 5491     | 2043        | 0.372               |
| 68  | 4735    | 7082   | 189562 | <a href="#">Carla Simone Pavanelli</a>             |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Natural Sciences / Biological Science</a><br>Taxonomia   sistemática e conservação de espécies de peixes neotropicais  | 30      | 18          | 0.600               | 70        | 43          | 0.614               | 5431     | 2650        | 0.488               |
| 1326  | 4736    | 7083   | 189564 | <a href="#">Renato Janine Ribeiro</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Filosofia Política   | 30      | 20          | 0.667               | 75        | 34          | 0.453               | 5430     | 1612        | 0.297               |
| 41  | 4737    | 7084   | 189586 | <a href="#">Sandra Einloft</a>                     |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros   captura de CO2   | 30      | 24          | 0.800               | 78        | 65          | 0.833               | 5409     | 1732        | 0.320               |
| 349   | 4738    | 7087   | 189628 | <a href="#">Julio López</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Cryptography   security   computational arithmetic   elliptic curves  | 30      | 18          | 0.600               | 49        | 33          | 0.673               | 5365     | 1162        | 0.217               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 66  | 4739    | 7091   | 189734 | <a href="#">Ana Maria Ferreira Barcelos</a>                |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                       | <a href="#">Social Sciences / Linguistics and Literature</a><br>crenças sobre ensino e aprendizagem de línguas estrangeiras   formação de professores de línguas   emoções de professores e | 30      | 25          | 0.833               | 39        | 32          | 0.821               | 5259     | 2232        | 0.424               |
| 1327  | 4740    | 7092   | 189808 | <a href="#">Grzegorz Kowal</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Physics</a><br>Plasma Processes   Turbulence   Magnetic Reconnection   | 30      | 24          | 0.800               | 55        | 36          | 0.655               | 5190     | 2113        | 0.407               |
| 1328  | 4741    | 7093   | 189822 | <a href="#">Luiz Fernando Onuchic</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nephrology   Inherited Nephropathies   Polycystic Kidney Diseases   | 30      | 20          | 0.667               | 48        | 33          | 0.688               | 5183     | 1182        | 0.228               |
| 301   | 4742    | 7094   | 189843 | <a href="#">Maria De Lourdes Ribeiro De Souza Da Cunha</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Medical and Health Sciences / Microbiology</a><br>Staphylococcus aureus   Estafilococos coagulase-negativa   enterotoxinas   biofilme   resistência aos antimicrobianos         | 30      | 23          | 0.767               | 80        | 55          | 0.688               | 5163     | 2949        | 0.571               |
| 21  | 4743    | 7096   | 189944 | <a href="#">Christian Loret De Mola</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   | 30      | 27          | 0.900               | 62        | 54          | 0.871               | 5074     | 3965        | 0.781               |
| 4   | 4744    | 7098   | 190007 | <a href="#">Haroldo C. Lima</a>                            |  Brazil   | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a> | <a href="#">Jardim Botânico do Rio de Janeiro</a><br>Systematics and Phylogeny  | 30      | 19          | 0.633               | 65        | 28          | 0.431               | 5023     | 2475        | 0.493               |
| 122   | 4745    | 7099   | 190096 | <a href="#">Solange Andreoni</a>                           |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Epidemiologia   | 30      | 22          | 0.733               | 54        | 40          | 0.741               | 4956     | 2075        | 0.419               |
| 1329  | 4746    | 7101   | 190133 | <a href="#">Rafael G Pileggi</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>reologia   suspensões   concretos   argamassas   fabricação digital   | 30      | 21          | 0.700               | 78        | 45          | 0.577               | 4933     | 1668        | 0.338               |
| 53  | 4747    | 7104   | 190144 | <a href="#">Ednildo Andrade Torres</a>                     |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                            | <a href="#">Bahia</a><br>Energia   Exergia   Energias Renováveis   Biomassa   Regulação em energia análise energética e exergética  | 30      | 25          | 0.833               | 62        | 48          | 0.774               | 4924     | 2396        | 0.487               |
| 302   | 4748    | 7106   | 190206 | <a href="#">Carminda Da Cruz Landim</a>                    |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Natural Sciences / Biological Science</a><br>bees   abelhas   | 30      | 12          | 0.400               | 157       | 20          | 0.127               | 4877     | 829         | 0.170               |
| 32  | 4749    | 7107   | 190212 | <a href="#">Marinês Garcia</a>                             |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>taxonomia  | 30      | 18          | 0.600               | 108       | 36          | 0.333               | 4874     | 1744        | 0.358               |
| 1330  | 4750    | 7110   | 190264 | <a href="#">Julio Groppa Aquino</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Education / Education</a><br>estudos foucaultianos   psicologia da educação   psicologia escolar  | 30      | 20          | 0.667               | 53        | 34          | 0.642               | 4845     | 1393        | 0.288               |
| 1331  | 4751    | 7111   | 190293 | <a href="#">Ivan Shestakov</a>                             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Mathematics</a><br>álgebra   | 30      | 18          | 0.600               | 79        | 37          | 0.468               | 4823     | 1352        | 0.280               |
| 70  | 4752    | 7113   | 190307 | <a href="#">Anderson Joel Martino Andrade</a>              |  Brazil | <a href="#">Universidade Federal do Paraná</a>                           | <a href="#">Medical and Health Sciences / Physiology</a><br>Reproductive Toxicology   Endocrine Disruption   Endocrine Physiology   | 30      | 20          | 0.667               | 45        | 37          | 0.822               | 4816     | 2619        | 0.544               |
| 29  | 4753    | 7115   | 190345 | <a href="#">Eduardo Venticinque</a>                        |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da conservação  | 30      | 24          | 0.800               | 74        | 57          | 0.770               | 4790     | 2760        | 0.576               |















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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 4754    | 7117   | 190366 | <a href="#">Alexandre Di Miceli Da Silveira</a>  | <br>Brazil   | Fundação Escola de Comercio Alvares Penteado FECAP                               | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Corporate Governance   Behavioral Ethics   Ethical Culture   Board of Directors   Leadership | 30      | 22          | 0.733               | 59        | 32          | 0.542               | 4775     | 1717        | 0.360               |
| 6   | 4755    | 7119   | 190412 | <a href="#">Carlos Ari Sundfeld</a>   | <br>Brazil   | Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas | <a href="#">Professor Titular da FGV Direito SP</a><br>Direito  | 30      | 18          | 0.600               | 68        | 36          | 0.529               | 4740     | 1607        | 0.339               |
| 7   | 4756    | 7120   | 190436 | <a href="#">Eliana Cardoso</a>  | <br>Brazil   | Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas | <a href="#">EESP-FGV</a><br>Development Economics   Macroeconomics   Inflation   Debt   Poverty   | 30      | 13          | 0.433               | 70        | 16          | 0.229               | 4723     | 642         | 0.136               |
| 191   | 4757    | 7121   | 190456 | <a href="#">Paulo Fp Fichtner</a>   | <br>Brazil   | Universidade Federal do Rio Grande do Sul UFRGS                                  | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomaterials   ion implantation   ion irradiation                                     | 30      | 12          | 0.400               | 79        | 15          | 0.190               | 4707     | 715         | 0.152               |
| 12  | 4758    | 7123   | 190464 | <a href="#">Francisco Brasileiro</a>  | <br>Brazil   | Universidade Federal de Campina Grande   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Distributed Systems   | 30      | 15          | 0.500               | 82        | 24          | 0.293               | 4701     | 833         | 0.177               |
| 1332  | 4759    | 7125   | 190482 | <a href="#">Marcia Ernesto</a>  | <br>Brazil   | Universidade de São Paulo USP  | <a href="#">UniversidSão Paulo</a>  | 30      | 17          | 0.567               | 54        | 30          | 0.556               | 4691     | 1565        | 0.334               |
| 6   | 4760    | 7126   | 190534 | <a href="#">Luciane Cruz Lopes</a>  | <br>Brazil  | Universidade de Sorocaba   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia clínica   epidemiologia clínica   saúde pública                    | 30      | 26          | 0.867               | 85        | 63          | 0.741               | 4667     | 3101        | 0.664               |
| 71  | 4761    | 7127   | 190620 | <a href="#">David Menotti</a>   | <br>Brazil | Universidade Federal do Paraná   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision   Image Processing   Pattern Recognition   Machine Learning                          | 30      | 26          | 0.867               | 69        | 49          | 0.710               | 4625     | 3621        | 0.783               |
| 192   | 4762    | 7128   | 190623 | <a href="#">Marcia Dutra De Barcellos</a>   | <br>Brazil | Universidade Federal do Rio Grande do Sul UFRGS                                  | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food   Innovation   Sustainability   Marketing   | 30      | 27          | 0.900               | 59        | 46          | 0.780               | 4624     | 2844        | 0.615               |
| 30  | 4763    | 7131   | 190673 | <a href="#">Gislene Ganade</a>  | <br>Brazil | Universidade Federal do Rio Grande do Norte                                      | <a href="#">RioGrandeNorteUFRN</a><br>Restoration Ecology   Plant Ecology   Biodiversity  | 30      | 19          | 0.633               | 49        | 33          | 0.673               | 4591     | 2234        | 0.487               |
| 1333  | 4764    | 7134   | 190724 | <a href="#">Sergius Gandolfi</a>  | <br>Brazil | Universidade de São Paulo USP  | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Restauração Ecológica   Dinâmica de Florestas Tropicais   | 30      | 16          | 0.533               | 49        | 32          | 0.653               | 4557     | 1533        | 0.336               |
| 192   | 4765    | 7135   | 190795 | <a href="#">Graciela Arbilla</a>  | <br>Brazil | Universidade Federal do Rio de Janeiro   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Atmosférica e Poluição  | 30      | 20          | 0.667               | 84        | 44          | 0.524               | 4512     | 2228        | 0.494               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 193   | 4766    | 7136   | 190806 | <a href="#">Patricia Alejandra Behar</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Social Sciences / Open and Distance Education</a><br>Technology and Education   Distance Education   Development/Implementation of Virtual Learning Environments   Learning Design               | 30      | 20          | 0.667               | 84        | 39          | 0.464               | 4507     | 2017        | 0.448               |
| 5   | 4767    | 7138   | 190888 | <a href="#">Paulo Furquim De Azevedo</a>                  |  Brazil   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                            | <a href="#">Inspere</a><br>Institutional Economics   Law & Economics   Industrial Organization   | 30      | 17          | 0.567               | 74        | 31          | 0.419               | 4461     | 1218        | 0.273               |
| 13  | 4768    | 7139   | 190891 | <a href="#">Edson Pinheiro De Lima</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>                 | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Digital Transformation   Sustainable Operations   Performance Measurement and Management and Performance Analytics | 30      | 25          | 0.833               | 69        | 54          | 0.783               | 4458     | 2799        | 0.628               |
| 88  | 4769    | 7141   | 190935 | <a href="#">Marcos Botton</a>                             |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Pesquisador Embrapa Uva e Vinho</a><br>Manejo Integrado de Pragas  | 30      | 19          | 0.633               | 134       | 56          | 0.418               | 4439     | 2071        | 0.467               |
| 193   | 4770    | 7144   | 191012 | <a href="#">Carlos Eduardo Frickmann Young Cadu Young</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Economics   Sustainable Development   Sustentabilidade   Economia   Desenvolvimento Sustentável      | 30      | 15          | 0.500               | 79        | 26          | 0.329               | 4402     | 1153        | 0.262               |
| 89  | 4771    | 7149   | 191103 | <a href="#">Márcio Moretzsohn</a>                         |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Vegetal  | 30      | 21          | 0.700               | 37        | 30          | 0.811               | 4362     | 1987        | 0.456               |
| 86  | 4772    | 7150   | 191132 | <a href="#">Georgios Pappas Jr</a>                        |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">(UB)</a><br>bioinformatics   genomics  | 30      | 21          | 0.700               | 47        | 37          | 0.787               | 4351     | 1877        | 0.431               |
| 29  | 4773    | 7152   | 191172 | <a href="#">Edna Castro Emr Castro E Castro</a>           |  Brazil  | <a href="#">Universidade Federal do Pará UFPA</a>                                | <a href="#">NúcleoAltosEstuAmazã'nicos/NAEA&amp;eacute;</a><br>Critical theory   Latin american   Amazon Development and Environment   Social and territorial conflicts in Amazon in perspective o           | 30      | 19          | 0.633               | 85        | 46          | 0.541               | 4334     | 1550        | 0.358               |
| 54  | 4774    | 7154   | 191207 | <a href="#">Antonio Ferreira Da Silva</a>                 |  Brazil | <a href="#">Universidade Federal da Bahia</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Física   Física da Matéria Condensada  | 30      | 17          | 0.567               | 110       | 36          | 0.327               | 4322     | 1395        | 0.323               |
| 1334  | 4775    | 7156   | 191260 | <a href="#">Giuseppe Alexandre Romito</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   | 30      | 24          | 0.800               | 65        | 48          | 0.738               | 4299     | 2930        | 0.682               |
| 14  | 4776    | 7157   | 191290 | <a href="#">Ernani Rhoden</a>                             |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Urology</a><br>urologia   oncologia urológica   difuncoes urinarias   difuncoes sexuais   cancer de prostata   | 30      | 16          | 0.533               | 55        | 27          | 0.491               | 4285     | 921         | 0.215               |
| 87  | 4777    | 7158   | 191316 | <a href="#">Mônica Oliveira Batista Oriá</a>              |  Brazil | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">EnfermagemCeará</a><br>saúde sexual e reprodutiva   tecnologias para a saúde   pesquisa psicométrica   | 30      | 24          | 0.800               | 114       | 78          | 0.684               | 4276     | 2659        | 0.622               |

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| 194   | 4778    | 7159   | 191365 | <a href="#">Maurício Kunz</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria  | 30      | 23          | 0.767               | 45        | 37          | 0.822               | 4255     | 1891        | 0.444               |
| 350   | 4779    | 7160   | 191388 | <a href="#">Jacinta Enzweiler</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Earth Sciences</a>  | 30      | 18          | 0.600               | 51        | 30          | 0.588               | 4246     | 2061        | 0.485               |
| 42  | 4780    | 7161   | 191389 | <a href="#">Jarcilene Silva De Almeida</a>       |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">UniversidPernambuco</a>  | 30      | 22          | 0.733               | 56        | 42          | 0.750               | 4245     | 2988        | 0.704               |
| 39  | 4781    | 7163   | 191486 | <a href="#">Ana Luiza Lima Sousa</a>             |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Coletiva   Cardiologia                                       | 30      | 23          | 0.767               | 82        | 56          | 0.683               | 4202     | 2658        | 0.633               |
| 1335  | 4782    | 7164   | 191571 | <a href="#">Jurandyr Moreira De Andrade</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto Medical Br Diseases and Gynecologic</a><br>Breast Cancer   Ovarian Cancer   Tumor Biology   Neoadjuvant therapy                         | 30      | 20          | 0.667               | 82        | 38          | 0.463               | 4167     | 2449        | 0.588               |
| 1336  | 4783    | 7166   | 191634 | <a href="#">Orlando De Castro E Silva Júnior</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Cirurgia   Regeneração Hepática   Gastroenterologia   Isquemia/Reperusão   Transplante de Fígado | 30      | 13          | 0.433               | 81        | 22          | 0.272               | 4141     | 2047        | 0.494               |
| 40  | 4784    | 7167   | 191641 | <a href="#">Bráulio A Santos</a>                 |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>ecology and conservation of tropical forests and coral reefs  | 30      | 27          | 0.900               | 52        | 45          | 0.865               | 4140     | 2889        | 0.698               |
| 87  | 4785    | 7168   | 191649 | <a href="#">Reginaldo Constantino</a>            |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a><br>Entomologia   Zoologia  | 30      | 21          | 0.700               | 68        | 38          | 0.559               | 4138     | 1514        | 0.366               |
| 1337  | 4786    | 7169   | 191655 | <a href="#">Ricardo Vencio</a>                   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Computational Biology   Bioinformatics   Statistics   | 30      | 14          | 0.467               | 57        | 27          | 0.474               | 4136     | 1461        | 0.353               |
| 1338  | 4787    | 7172   | 191711 | <a href="#">Anibal Basile Filho</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Intensive Care Surgery and Anatomy FMRPP</a><br>Energy Metabolism   Enteral and Parenteral Nutrition   Sepsis  | 30      | 17          | 0.567               | 69        | 34          | 0.493               | 4119     | 1333        | 0.324               |
| 351   | 4788    | 7173   | 191718 | <a href="#">Luciana Ferreira Tatagiba</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Social Sciences / Political Science</a><br>Ciência Política  | 30      | 21          | 0.700               | 47        | 34          | 0.723               | 4114     | 1974        | 0.480               |
| 1339  | 4789    | 7174   | 191749 | <a href="#">Maise De Souza Ribeiro</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>contabilidade ambiental   sustentabilidade e contabilidade societária  | 30      | 18          | 0.600               | 82        | 32          | 0.390               | 4105     | 1247        | 0.304               |
| 26  | 4790    | 7177   | 191907 | <a href="#">Noelio Dantas</a>                    |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Physics</a><br>nanotecnologia   nanobiotecnologia   nanomateriais   semicondutores diluidos magnéticos                              | 30      | 17          | 0.567               | 95        | 37          | 0.389               | 4051     | 1920        | 0.474               |
| 303   | 4791    | 7180   | 191938 | <a href="#">Carlos Eduardo Angeli Furlani</a>    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>máquinas agrícolas   | 30      | 17          | 0.567               | 81        | 35          | 0.432               | 4037     | 1530        | 0.379               |

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| 9   | 4792    | 7181   | 191943 | <a href="#">Luís Flávio Souza De Oliveira</a>       |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Toxicologia de medicamentos   toxicologia de metais pesados   toxicologia de agroquímicos   bioquímica farmacológica                | 30      | 22          | 0.733               | 94        | 63          | 0.670               | 4036     | 2373        | 0.588               |
| 33  | 4793    | 7184   | 191974 | <a href="#">Francisco Amaral Villela</a>            |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Ciência Tecnologia SementesUniversidPelotas</a><br>Tecnologia Pós-colheita de Sementes   Produção de Sementes   Fisiologia de Sementes   Controle de Qualidade de Sementes            | 30      | 18          | 0.600               | 107       | 49          | 0.458               | 4026     | 1695        | 0.421               |
| 1340  | 4794    | 7186   | 192015 | <a href="#">Maria Cristina Ferreira De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Mathematics</a><br>Data visualization   Visual data mining   Visual analytics  | 30      | 19          | 0.633               | 70        | 33          | 0.471               | 4008     | 1206        | 0.301               |
| 304   | 4795    | 7187   | 192047 | <a href="#">Otavio J Oliveira</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Integrated Management Systems   Sustainability   I4   | 30      | 26          | 0.867               | 64        | 53          | 0.828               | 3998     | 2360        | 0.590               |
| 352   | 4796    | 7188   | 192080 | <a href="#">Marcelo M Guzzo</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>particle physics   neutrinos  | 30      | 22          | 0.733               | 52        | 39          | 0.750               | 3991     | 2273        | 0.570               |
| 353   | 4797    | 7189   | 192097 | <a href="#">Ubirajara Ferreira</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Urology</a><br>Urologia Oncológica  | 30      | 16          | 0.533               | 82        | 28          | 0.341               | 3985     | 1994        | 0.500               |
| 111   | 4798    | 7191   | 192116 | <a href="#">Cassiano Ricardo Rech</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Atividade Física e Saúde  | 30      | 22          | 0.733               | 81        | 52          | 0.642               | 3980     | 2640        | 0.663               |
| 22  | 4799    | 7192   | 192117 | <a href="#">Susana Juliano Kalil</a>                |  Brazil  | <a href="#">Universidade Federal do Rio Grande FURG</a>                |   | 30      | 22          | 0.733               | 80        | 55          | 0.688               | 3980     | 1909        | 0.480               |
| 194   | 4800    | 7193   | 192122 | <a href="#">Jano Moreira De Souza</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Gestão do Conhecimento   Crowd Computing   Trabalho Cooperativo Suportado por Computador   Computação Autônoma   Crowdsourcing | 30      | 16          | 0.533               | 111       | 29          | 0.261               | 3979     | 1217        | 0.306               |
| 69  | 4801    | 7194   | 192125 | <a href="#">Roberto Barbosa Bazotte</a>             |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia e Farmacologia endócrina   Diabetes  | 30      | 17          | 0.567               | 99        | 38          | 0.384               | 3978     | 1398        | 0.351               |
| 8   | 4802    | 7195   | 192129 | <a href="#">Sérvio P Ribeiro</a>                    |  Brazil | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Ecology and Evolution  | 30      | 19          | 0.633               | 75        | 50          | 0.667               | 3977     | 2119        | 0.533               |
| 1341  | 4803    | 7196   | 192144 | <a href="#">Aldo Roberto Ometto</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Economia Circular  | 30      | 28          | 0.933               | 57        | 42          | 0.737               | 3971     | 2631        | 0.663               |
| 1342  | 4804    | 7197   | 192159 | <a href="#">Maria Rita Bertolozzi</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | enfermagem   saúde coletiva   saúde pública   saúde internacional   adesão em tuberculose   | 30      | 19          | 0.633               | 95        | 42          | 0.442               | 3967     | 1486        | 0.375               |

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| 9   | 4805    | 7198   | 192233 | <a href="#">Janaina Sardi</a>                                  |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">UFMS</a><br>microbiologia   micologia   imunologia   odontologia hospitalar  | 30      | 27          | 0.900               | 51        | 45          | 0.882               | 3942     | 2576        | 0.653               |
| 1343  | 4806    | 7199   | 192236 | <a href="#">Vitor Tumas</a>                                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia  | 30      | 24          | 0.800               | 72        | 57          | 0.792               | 3941     | 2484        | 0.630               |
| 1344  | 4807    | 7200   | 192272 | <a href="#">Vitor Tumas</a>                                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurologia   neurologia comportamental   distúrbios do movimento           | 30      | 24          | 0.800               | 72        | 57          | 0.792               | 3931     | 2473        | 0.629               |
| 19  | 4808    | 7201   | 192276 | <a href="#">Mario Ferretti</a>                                 |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia  | 30      | 22          | 0.733               | 58        | 45          | 0.776               | 3930     | 1507        | 0.383               |
| 204   | 4809    | 7203   | 192296 | <a href="#">Vera V França</a>                                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Business &amp; Management / Communication</a><br>Teorias da Comunicação   Cultura contemporânea   Metodologia de Pesquisa    | 30      | 18          | 0.600               | 53        | 34          | 0.642               | 3923     | 1287        | 0.328               |
| 305   | 4810    | 7204   | 192308 | <a href="#">Reinaldo José Da Silva</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   helminthology   Biodiversity   Taxonomy                     | 30      | 19          | 0.633               | 140       | 70          | 0.500               | 3918     | 2115        | 0.540               |
| 2   | 4811    | 7205   | 192322 | <a href="#">Claudia Andrea Lima Cardoso Ou Claudia Cardoso</a> |  Brazil   | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Cromatografia   Produtos Naturais   Toxicidade   Atividades Biológicas | 30      | 25          | 0.833               | 118       | 100         | 0.847               | 3915     | 3067        | 0.783               |
| 43  | 4812    | 7206   | 192327 | <a href="#">Mauro Copelli</a>                                  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Physics</a><br>Neuroscience   Nonlinear dynamics   Statistical mechanics                                  | 30      | 23          | 0.767               | 64        | 44          | 0.688               | 3914     | 2363        | 0.604               |
| 1345  | 4813    | 7207   | 192342 | <a href="#">Antonio Augusto V Cruz</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">FMRPP</a><br>Oculoplástica   | 30      | 17          | 0.567               | 106       | 33          | 0.311               | 3908     | 1351        | 0.346               |
| 1346  | 4814    | 7211   | 192402 | <a href="#">Regina Helena Costa Queiroz</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Toxicologia clínica e analítica                  | 30      | 17          | 0.567               | 49        | 26          | 0.531               | 3891     | 2020        | 0.519               |
| 70  | 4815    | 7214   | 192454 | <a href="#">Valter Afonso Vieira</a>                           |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Business &amp; Management / Strategic Management</a><br>marketing   sales   retail   consumer behavior                       | 30      | 25          | 0.833               | 64        | 49          | 0.766               | 3879     | 2224        | 0.573               |
| 306   | 4816    | 7219   | 192502 | <a href="#">Eduardo Kokubun</a>                                |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">ExercisPhysiologyUnivEstaduala</a><br>Exercise Physiology   Physical Activity and Health                                     | 30      | 17          | 0.567               | 74        | 37          | 0.500               | 3866     | 1341        | 0.347               |
| 72  | 4817    | 7220   | 192517 | <a href="#">Maria Ribeiro Lacerda</a>                          |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">PermanenteEnfermagemUFPR</a><br>Enfermagem   Saúde   Cuidado domiciliar   Ética   Prática profissional                       | 30      | 19          | 0.633               | 104       | 48          | 0.462               | 3862     | 1647        | 0.426               |
| 1347  | 4818    | 7221   | 192522 | <a href="#">Luis Gustavo Nonato</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Visualization   Data Science   Geometry Processing                    | 30      | 21          | 0.700               | 74        | 47          | 0.635               | 3861     | 1732        | 0.449               |

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| 354   | 4819    | 7223   | 192539 | <a href="#">José Francisco Höfling</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Microbiologia Oral   Fungos   Antifungicos   Plantas Medicinais           | 30      | 20          | 0.667               | 69        | 33          | 0.478               | 3856     | 1240        | 0.322               |
| 355   | 4820    | 7224   | 192548 | <a href="#">Maxiwell Garcia</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Compiladores SimulaçãõArquitetura Computadores </a><br>Compiladores   Simulação   Arquitetura de Computadores                               | 30      | 16          | 0.533               | 83        | 30          | 0.361               | 3854     | 1476        | 0.383               |
| 1348  | 4821    | 7225   | 192572 | <a href="#">Luiz Ernesto De Almeida Troncon</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Educação Médica   Gastroenterologia  | 30      | 14          | 0.467               | 90        | 31          | 0.344               | 3847     | 936         | 0.243               |
| 131   | 4822    | 7226   | 192579 | <a href="#">Luciana Trilles</a>                     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Tecnologista em Saúde Pública, Fundação Oswaldo Cruz</a><br>Micologia Médica   Biologia Molecular   | 30      | 21          | 0.700               | 41        | 34          | 0.829               | 3845     | 1403        | 0.365               |
| 195   | 4823    | 7228   | 192605 | <a href="#">Antonio Carlos De Souza Lima</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Social Sciences / Anthropology</a><br>Indigenism   Political Anthropology   Anthropology of the state   History of Anthropology   Ethnology | 30      | 19          | 0.633               | 83        | 41          | 0.494               | 3838     | 1574        | 0.410               |
| 195   | 4824    | 7230   | 192654 | <a href="#">Jefferson Cardia Simões</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">UFRGS</a><br>Glaciology   Climate Change   Paleoclimatology   Antarctica  | 30      | 20          | 0.667               | 78        | 54          | 0.692               | 3823     | 1679        | 0.439               |
| 1349  | 4825    | 7232   | 192667 | <a href="#">Marcilio Nichi</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução   | 30      | 26          | 0.867               | 92        | 63          | 0.685               | 3821     | 2402        | 0.629               |
| 1350  | 4826    | 7234   | 192688 | <a href="#">Maria Alba Cincotto</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>química de materiais de construção                          | 30      | 21          | 0.700               | 68        | 40          | 0.588               | 3815     | 1794        | 0.470               |
| 73  | 4827    | 7236   | 192706 | <a href="#">Antonio Ostrensky</a>                   |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>aquicultura   maricultura   ambiente aquático   limnologia   recursos aquáticos               | 30      | 19          | 0.633               | 65        | 34          | 0.523               | 3810     | 1251        | 0.328               |
| 88  | 4828    | 7238   | 192729 | <a href="#">Jacob A Laros</a>                       |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasilia</a><br>Psicometria   Avaliação de Programas Sociais e Educacionais   Habilidades Cognitivas                               | 30      | 21          | 0.700               | 56        | 37          | 0.661               | 3803     | 1638        | 0.431               |
| 196   | 4829    | 7239   | 192733 | <a href="#">Paulo Andreas Buckup</a>                |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">VertebradosMuseuRioã€!</a><br>ichthyology   molecular diversity   systematics   phylogeny   | 30      | 16          | 0.533               | 56        | 29          | 0.518               | 3802     | 1113        | 0.293               |
| 1351  | 4830    | 7240   | 192744 | <a href="#">Marcos Egydio Silva</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Structural Geology   Rock Mechanic   Engineering Geology   Crustal Evolution           | 30      | 21          | 0.700               | 82        | 36          | 0.439               | 3800     | 1529        | 0.402               |
| 1352  | 4831    | 7242   | 192795 | <a href="#">Maria Augusta Peduti Dal Molin Kiss</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Esporte  | 30      | 19          | 0.633               | 69        | 35          | 0.507               | 3782     | 1326        | 0.351               |
| 307   | 4832    | 7243   | 192833 | <a href="#">Fauze Ahmad Aouada</a>                  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Nanotecnologia   Nanocompositos   Hidrogeis   Liberação Controlada   Matrizes Cimenticias                 | 30      | 22          | 0.733               | 51        | 43          | 0.843               | 3770     | 2451        | 0.650               |
| 1353  | 4833    | 7245   | 192845 | <a href="#">Eduardo Janot Pacheco</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Astrofísica   exoplanetas   astrobiologia   | 30      | 13          | 0.433               | 53        | 19          | 0.358               | 3768     | 1233        | 0.327               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1354  | 4834    | 7246   | 192852 | <a href="#">Vivian Helena Pellizari</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Biological Science</a><br>microbial ecology   deep sea biology   extremophiles   marine microbiome                                   | 30      | 24          | 0.800               | 64        | 44          | 0.688               | 3766     | 1936        | 0.514               |
| 308   | 4835    | 7249   | 192961 | <a href="#">Alexandre Secorun Borges</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>veterinaria  | 30      | 19          | 0.633               | 88        | 44          | 0.500               | 3732     | 1690        | 0.453               |
| 1355  | 4836    | 7250   | 192986 | <a href="#">Maria Cristina Cacciamali</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia Política Internacional   Estudos do Trabalho   Política Pública                                | 30      | 15          | 0.500               | 68        | 22          | 0.324               | 3725     | 968         | 0.260               |
| 3   | 4837    | 7251   | 193026 | <a href="#">Rodrigo Garófallo Garcia</a>                 |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal science   | 30      | 21          | 0.700               | 101       | 67          | 0.663               | 3715     | 2032        | 0.547               |
| 132   | 4838    | 7254   | 193067 | <a href="#">Alberto Davila</a>                           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">FIOCRUZ</a><br>Bioinformatics   Genomics  | 30      | 18          | 0.600               | 59        | 26          | 0.441               | 3703     | 1327        | 0.358               |
| 3   | 4839    | 7258   | 193169 | <a href="#">Daniel Joner Daroit</a>                      |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>Bioprocessos   Microbiologia Aplicada   Enzimologia   | 30      | 26          | 0.867               | 47        | 43          | 0.915               | 3674     | 2214        | 0.603               |
| 1356  | 4840    | 7259   | 193195 | <a href="#">Marisa Aparecida Bismara Regitano D Arce</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">RETIRED FROM Agroindústria Alimentos e NutriÃ§Ã£o ESALQ USP</a><br>Óleos vegetais   Antioxidantes   Miscelas etanólicas   Extração de óleo   Biodiesel  | 30      | 20          | 0.667               | 56        | 32          | 0.571               | 3665     | 1616        | 0.441               |
| 31  | 4841    | 7260   | 193203 | <a href="#">Marcio Gp Garcia</a>                         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Economics &amp; Econometrics / Economics</a><br>open macroeconomics   international finance   | 30      | 16          | 0.533               | 78        | 25          | 0.321               | 3664     | 1087        | 0.297               |
| 356   | 4842    | 7261   | 193209 | <a href="#">Vinícius Amaral Armentano</a>                |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Combinatorial Optimization   Integer Programming   Heuristics   Logistics | 30      | 15          | 0.500               | 44        | 23          | 0.523               | 3664     | 866         | 0.236               |
| 67  | 4843    | 7262   | 193246 | <a href="#">Claudio Horst Bruckner</a>                   |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Melhoramento de plantas   Fruticultura   Genética   | 30      | 17          | 0.567               | 107       | 49          | 0.458               | 3656     | 1369        | 0.374               |
| 5   | 4844    | 7263   | 193279 | <a href="#">José Renato Stangarlin</a>                   |  Brazil | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fitopatologia   | 30      | 17          | 0.567               | 82        | 43          | 0.524               | 3646     | 1440        | 0.395               |
| 1357  | 4845    | 7265   | 193302 | <a href="#">Antonia Regina Ferreira Furegato</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Ribeirão Preto</a><br>Enfermagem psiquiátrica   saúde mental   relacionamento interpessoal  | 30      | 16          | 0.533               | 87        | 27          | 0.310               | 3644     | 1171        | 0.321               |
| 74  | 4846    | 7266   | 193308 | <a href="#">Aida Maris Peres</a>                         |  Brazil | <a href="#">Universidade Federal do Paraná</a>                             | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Nursing   Health Management   Competence   Public Health   Nurse Education                   | 30      | 24          | 0.800               | 80        | 57          | 0.713               | 3643     | 2102        | 0.577               |



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| 197   | 4847    | 7269   | 193373 | <a href="#">Adriano B Kury</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Biological Science</a><br>biodiversity   Opiliones   taxonomy   neotropics   Arachnology   | 30      | 19          | 0.633               | 85        | 44          | 0.518               | 3629     | 1594        | 0.439               |
| 12  | 4848    | 7270   | 193404 | <a href="#">Eliane Schlemmer</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | Digital Education   hybridity and multimodality   Metaverses   Games and Gamificação   Immersive Learning   | 30      | 18          | 0.600               | 65        | 38          | 0.585               | 3622     | 1727        | 0.477               |
| 40  | 4849    | 7271   | 193471 | <a href="#">Silva RF</a>                             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia legal   antropologia forense   identificação humana  | 30      | 17          | 0.567               | 103       | 49          | 0.476               | 3606     | 1647        | 0.457               |
| 1358  | 4850    | 7273   | 193488 | <a href="#">Silvio Morato</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">USP</a><br>Psychobiology  | 30      | 15          | 0.500               | 48        | 26          | 0.542               | 3602     | 1276        | 0.354               |
| 52  | 4851    | 7274   | 193495 | <a href="#">Cristiane De Bona Da Silva</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia   Nanotecnologia   Micologia   | 30      | 23          | 0.767               | 84        | 57          | 0.679               | 3600     | 2184        | 0.607               |
| 357   | 4852    | 7277   | 193523 | <a href="#">Mara Patricia Chacon Mikahil</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Education / Education</a><br>Fisiologia do Exercício  | 30      | 27          | 0.900               | 64        | 48          | 0.750               | 3595     | 2350        | 0.654               |
| 89  | 4853    | 7279   | 193548 | <a href="#">José De Anchieta Rodrigues</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   Cerâmicas   Refratários   Propriedades Mecânicas   Cimento Portland | 30      | 19          | 0.633               | 87        | 42          | 0.483               | 3589     | 1379        | 0.384               |
| 196   | 4854    | 7280   | 193584 | <a href="#">Roberto Lima Ruas</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">PPGAUNINOVE</a><br>Abordagem Competências   Aprendizagem   Criatividade nas Organizações   Capacidade Dinâmica   Capacidade Absortiva   | 30      | 13          | 0.433               | 54        | 23          | 0.426               | 3582     | 893         | 0.249               |
| 55  | 4855    | 7281   | 193588 | <a href="#">Sheila Alvim Matos</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">SaúColetivBahia</a>   | 30      | 25          | 0.833               | 54        | 49          | 0.907               | 3581     | 2296        | 0.641               |
| 198   | 4856    | 7282   | 193594 | <a href="#">Wagner Coelho De Albuquerque Pereira</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>biomedical engineering   ultrasound  | 30      | 19          | 0.633               | 83        | 40          | 0.482               | 3579     | 1499        | 0.419               |
| 31  | 4857    | 7283   | 193604 | <a href="#">Jordi Juliã</a>                          |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Norte</a>     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Sismologia   tectônica   geodinâmica   problemas geofísicos inversos   | 30      | 23          | 0.767               | 52        | 43          | 0.827               | 3577     | 1658        | 0.464               |
| 197   | 4858    | 7285   | 193624 | <a href="#">Adriano Monteiro</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   catálise   síntese orgânica   organometálicos   | 30      | 13          | 0.433               | 50        | 15          | 0.300               | 3574     | 581         | 0.163               |
| 1359  | 4859    | 7287   | 193708 | <a href="#">Ubiratan Santos</a>                      |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>poluição do ar   doenças ocupacionais   tabagismo   | 30      | 21          | 0.700               | 60        | 40          | 0.667               | 3554     | 1668        | 0.469               |
| 40  | 4860    | 7288   | 193724 | <a href="#">Adalberto Cardoso</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Social Sciences / Sociology</a><br>Sociologia do trabalho   sociologia histórica   sociologia econômica   sociologia urbana   | 30      | 17          | 0.567               | 63        | 27          | 0.429               | 3550     | 1092        | 0.308               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 198   | 4861    | 7290   | 193738 | <a href="#">Jeverson Frazzon</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   Biochemistry and Molecular Biology  | 30      | 20          | 0.667               | 56        | 42          | 0.750               | 3547     | 1191        | 0.336               |
| 199   | 4862    | 7292   | 193766 | <a href="#">Edison Capp</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             |  | 30      | 16          | 0.533               | 74        | 33          | 0.446               | 3542     | 955         | 0.270               |
| 358   | 4863    | 7293   | 193780 | <a href="#">Renato Vicentini</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">University of Campinas (UNICAMP)</a><br>Bioinformatics   Plant Systems Biology   | 30      | 27          | 0.900               | 48        | 39          | 0.813               | 3540     | 1856        | 0.524               |
| 1360  | 4864    | 7295   | 193809 | <a href="#">Rubens M Lopes</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Plankton ecology and biology   | 30      | 20          | 0.667               | 69        | 38          | 0.551               | 3534     | 1469        | 0.416               |
| 75  | 4865    | 7296   | 193824 | <a href="#">Carolina A Freire</a>           |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia animal comparada  | 30      | 21          | 0.700               | 70        | 50          | 0.714               | 3530     | 1671        | 0.473               |
| 112   | 4866    | 7297   | 193827 | <a href="#">Leandro Jose Bertoglio</a>      |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Social Sciences / Psychology</a><br>Psychopharmacology   Neuroscience  | 30      | 22          | 0.733               | 42        | 32          | 0.762               | 3530     | 1527        | 0.433               |
| 1361  | 4867    | 7300   | 193898 | <a href="#">Luis Felipe P Silva</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Agriculture &amp; Forestry / Animal Science</a><br>Beef Cattle   Forages   Animal Nutrition  | 30      | 18          | 0.600               | 79        | 34          | 0.430               | 3517     | 1914        | 0.544               |
| 1362  | 4868    | 7302   | 193942 | <a href="#">Luis A Teixeira</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | motor control   interception   postural control   laterality   handedness  | 30      | 23          | 0.767               | 85        | 51          | 0.600               | 3508     | 1675        | 0.477               |
| 42  | 4869    | 7303   | 193953 | <a href="#">Rodrigo C Barros</a>            |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine Learning   Deep Learning   Computer Vision   Natural Language Processing   Evolutionary Computation | 30      | 23          | 0.767               | 52        | 40          | 0.769               | 3507     | 2502        | 0.713               |
| 1363  | 4870    | 7305   | 193966 | <a href="#">Carlos Antonio Negrato</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia   Diabetes   Diabetes na Gravidez   | 30      | 20          | 0.667               | 56        | 48          | 0.857               | 3505     | 1910        | 0.545               |
| 205   | 4871    | 7306   | 193973 | <a href="#">Antonio Eduardo Clark Peres</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia de Minas  | 30      | 21          | 0.700               | 63        | 48          | 0.762               | 3503     | 1674        | 0.478               |
| 1364  | 4872    | 7307   | 193985 | <a href="#">Paulo Eduardo Brandão</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               |  | 30      | 20          | 0.667               | 92        | 53          | 0.576               | 3500     | 1564        | 0.447               |
| 41  | 4873    | 7308   | 194000 | <a href="#">Suzana Da Costa Santos</a>      |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   polifenóis   taninos  | 30      | 18          | 0.600               | 68        | 42          | 0.618               | 3498     | 1149        | 0.328               |
| 206   | 4874    | 7311   | 194031 | <a href="#">Marcos Horácio Pereira</a>      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Medical Entomology   Insect Physiology  | 30      | 19          | 0.633               | 74        | 42          | 0.568               | 3493     | 1390        | 0.398               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1365  | 4875    | 7312   | 194048 | <a href="#">Elia Garcia Caldini</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Medicida</a>   | 30      | 22          | 0.733               | 62        | 41          | 0.661               | 3491     | 1658        | 0.475               |
| 359   | 4876    | 7313   | 194055 | <a href="#">Douglas Fernandes Barbin</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>         | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science   Computer Vision   NIR Spectroscopy   Hyperspectral imaging   Sensors                         | 30      | 30          | 1.000               | 50        | 46          | 0.920               | 3490     | 2309        | 0.662               |
| 6   | 4877    | 7314   | 194057 | <a href="#">Luis FA Alves</a>                   |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a> | <a href="#">Unioeste</a><br>entomologia   controle biológico   produção agrícola   produção animal   pragas  | 30      | 22          | 0.733               | 105       | 57          | 0.543               | 3489     | 2019        | 0.579               |
| 13  | 4878    | 7315   | 194103 | <a href="#">Carlos Antonio Costa Dos Santos</a> |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>            | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Climatology   Remote Sensing   Micrometeorology   | 30      | 25          | 0.833               | 89        | 67          | 0.753               | 3479     | 2346        | 0.674               |
| 1366  | 4879    | 7317   | 194128 | <a href="#">Nilberto H Medina</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Physics</a><br>Experimental Nuclear Physics   Applied Nuclear Physics   Gamma-ray Spectroscopy  | 30      | 17          | 0.567               | 100       | 34          | 0.340               | 3476     | 1235        | 0.355               |
| 89  | 4880    | 7318   | 194133 | <a href="#">Renato Fontes Guimaraes</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                      | <a href="#">Natural Sciences / Geography</a><br>Geografia   geomorfologia   veterinária   geologia   | 30      | 22          | 0.733               | 90        | 49          | 0.544               | 3475     | 1866        | 0.537               |
| 8   | 4881    | 7319   | 194138 | <a href="#">Marcos Dajczer</a>                  |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>  | <a href="#">Natural Sciences / Mathematics</a><br>Differential Geometry  | 30      | 16          | 0.533               | 76        | 34          | 0.447               | 3474     | 1080        | 0.311               |
| 199   | 4882    | 7320   | 194143 | <a href="#">Rogerio Panizzutti</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>            | <a href="#">CogniÃ§ão neuroplasticidade transtornos neuropsiquiátricos envelhecimento </a><br>Cognição   neuroplasticidade   transtornos neuropsiquiátricos   envelhecimento               | 30      | 20          | 0.667               | 39        | 31          | 0.795               | 3473     | 1413        | 0.407               |
| 53  | 4883    | 7321   | 194144 | <a href="#">Osmar Damian Prestes</a>            |  Brazil  | <a href="#">Universidade Federal de Santa Maria UFSM</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Resíduos e Contaminantes   preparo de amostras   GC-MS/MS   LC-MS/MS   alimentos   | 30      | 27          | 0.900               | 75        | 64          | 0.853               | 3472     | 2214        | 0.638               |
| 14  | 4884    | 7322   | 194166 | <a href="#">Edcleide M Araújo</a>               |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>            | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros   blendas   nanocompósitos   membranas   processamento e caracterização de polímeros | 30      | 18          | 0.600               | 101       | 56          | 0.554               | 3467     | 1685        | 0.486               |
| 18  | 4885    | 7323   | 194169 | <a href="#">Antonio Reinaldo Cestari</a>        |  Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>               | <a href="#">AntonioApareciCestarieIriContieroCestari</a><br>cement chemistry   adsorption from solution   chitosan chemistry   | 30      | 14          | 0.467               | 52        | 22          | 0.423               | 3467     | 898         | 0.259               |
| 1367  | 4886    | 7326   | 194181 | <a href="#">Mario R Louzã</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria  | 30      | 19          | 0.633               | 73        | 41          | 0.562               | 3464     | 1468        | 0.424               |
| 200   | 4887    | 7327   | 194206 | <a href="#">Magali Christe Cammarota</a>        |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>            |  | 30      | 23          | 0.767               | 64        | 45          | 0.703               | 3460     | 1515        | 0.438               |
| 207   | 4888    | 7328   | 194214 | <a href="#">Armando Da Silva Cunha Junior</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Tecnologia Farmacéutica   Ciência dos Materiais   Oftalmologia                                     | 30      | 20          | 0.667               | 75        | 47          | 0.627               | 3458     | 1635        | 0.473               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 41  | 4889    | 7331   | 194262 | <a href="#">Ariosvaldo Nunes De Medeiros</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia   Caprinocultura   Ovinocultura   Bromatologia   Nutrição de Caprinos      | 30      | 18          | 0.600               | 106       | 45          | 0.425               | 3449     | 1366        | 0.396               |
| 1368  | 4890    | 7333   | 194303 | <a href="#">Meire Cachioni</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontologia   Psicologia   Educação  | 30      | 22          | 0.733               | 80        | 58          | 0.725               | 3440     | 1761        | 0.512               |
| 1369  | 4891    | 7334   | 194318 | <a href="#">Helton Defino</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">MediciRibeirão PretoP</a><br>Cirurgia da coluna vertebral   | 30      | 19          | 0.633               | 76        | 41          | 0.539               | 3437     | 1426        | 0.415               |
| 360   | 4892    | 7337   | 194357 | <a href="#">José Antonio Rocha Gontijo</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>             | <a href="#">MedicinCampinas(Unicamp)</a><br>Medicine and Biology  | 30      | 15          | 0.500               | 73        | 32          | 0.438               | 3430     | 910         | 0.265               |
| 208   | 4893    | 7338   | 194363 | <a href="#">Paulo Cetlin</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>             | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>processos de Fabricação  | 30      | 18          | 0.600               | 73        | 38          | 0.521               | 3428     | 1263        | 0.368               |
| 90  | 4894    | 7339   | 194369 | <a href="#">Aline Maia</a>                   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>           | <a href="#">Embrapa Meio Ambiente</a><br>Estatística Aplicada   | 30      | 21          | 0.700               | 59        | 35          | 0.593               | 3427     | 1345        | 0.392               |
| 1370  | 4895    | 7340   | 194394 | <a href="#">Valdecir De Assis Janasi</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Petrologia ígnea   Vulcanologia   Geoquímica   Mineralogia                               | 30      | 22          | 0.733               | 70        | 44          | 0.629               | 3423     | 1712        | 0.500               |
| 7   | 4896    | 7341   | 194401 | <a href="#">Maria Aparecida Munhoz Gaiva</a> |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>                   | <a href="#">aemUniversidaã€!</a><br>Enfermagem neonatal e pediátrica  | 30      | 20          | 0.667               | 97        | 59          | 0.608               | 3421     | 1681        | 0.491               |
| 8   | 4897    | 7342   | 194414 | <a href="#">Érika Cristina Pavarino</a>      |  Brazil   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana   Biologia Molecular   Síndrome de Down   Câncer   Biomarcadores   | 30      | 18          | 0.600               | 93        | 36          | 0.387               | 3419     | 1347        | 0.394               |
| 361   | 4898    | 7343   | 194415 | <a href="#">Luiz Carlos Pereira Da Silva</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>             | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems - Stability - Sistemas de Potência - Estabilidade | 30      | 19          | 0.633               | 83        | 42          | 0.506               | 3419     | 1349        | 0.395               |
| 1371  | 4899    | 7345   | 194461 | <a href="#">Gabriela Rocha Lauretti</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">MediciRibeirão PretoP</a>   | 30      | 13          | 0.433               | 52        | 23          | 0.442               | 3410     | 687         | 0.201               |
| 201   | 4900    | 7349   | 194492 | <a href="#">João Graciano Mendonça Filho</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                | <a href="#">RioJaneiro</a><br>Organic Geochemistry   Palynofacies and Organic Facies   Biogeochemistry   Geomicrobiology   Environmental Geochemistry     | 30      | 23          | 0.767               | 80        | 57          | 0.713               | 3405     | 1930        | 0.567               |
| 202   | 4901    | 7351   | 194506 | <a href="#">Bila Sorj</a>                    |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                | <a href="#">Social Sciences / Sociology</a><br>gênero   família   trabalho   políticas públicas   | 30      | 15          | 0.500               | 57        | 29          | 0.509               | 3402     | 1110        | 0.326               |
| 32  | 4902    | 7352   | 194507 | <a href="#">Gustavo Antonio De Souza</a>     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Proteomics   Mass Spectrometry   Proteogenomics   Reverse Vaccinology              | 30      | 21          | 0.700               | 55        | 41          | 0.745               | 3402     | 1451        | 0.427               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 309   | 4903    | 7354   | 194534 | <a href="#">Paulo Henrique Dos Santos</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry  | 30      | 24          | 0.800               | 76        | 61          | 0.803               | 3398     | 1984        | 0.584               |
| 90  | 4904    | 7356   | 194568 | <a href="#">Alberto Moreira Jorge Junior</a>    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Engineering   amorphous materials   hydrogen storage   thermomechanical processing   severe plastic deformation | 30      | 25          | 0.833               | 93        | 79          | 0.849               | 3391     | 2280        | 0.672               |
| 1372  | 4905    | 7357   | 194582 | <a href="#">Leandro Valiengo</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Psychiatry</a><br>neurociencias   neuropsiquiatria   saúde mental   | 30      | 24          | 0.800               | 44        | 42          | 0.955               | 3390     | 2192        | 0.647               |
| 91  | 4906    | 7360   | 194652 | <a href="#">Rosa Lía Barbieri</a>               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Embrapa</a><br>recursos genéticos   | 30      | 24          | 0.800               | 104       | 60          | 0.577               | 3377     | 1936        | 0.573               |
| 40  | 4907    | 7361   | 194676 | <a href="#">Julia Trevisan</a>                  |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">em</a><br>Saúde do Trabalhador   Riscos Psicossociais   Prazer e Sofrimento   | 30      | 24          | 0.800               | 81        | 62          | 0.765               | 3372     | 2103        | 0.624               |
| 54  | 4908    | 7362   | 194677 | <a href="#">Gervásio Annes Degrazia</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">UFSM</a><br>Micrometeorologia   | 30      | 17          | 0.567               | 74        | 28          | 0.378               | 3372     | 973         | 0.289               |
| 310   | 4909    | 7363   | 194678 | <a href="#">Antonio Carlos Guastaldi</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biomateriais   Ligas de titânio   Implantes   Regeneração ossea   Liberação controlada de fármacos  | 30      | 20          | 0.667               | 68        | 40          | 0.588               | 3372     | 1365        | 0.405               |
| 311   | 4910    | 7364   | 194681 | <a href="#">Lin Chau Ming</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>horticultura   plantas medicinais   etnobotânica  | 30      | 17          | 0.567               | 79        | 34          | 0.430               | 3371     | 1025        | 0.304               |
| 1373  | 4911    | 7365   | 194694 | <a href="#">Sergio Carlos Nahas</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">HospitaldasClinicasMedicin</a><br>Coloproctologia   | 30      | 22          | 0.733               | 77        | 49          | 0.636               | 3369     | 1555        | 0.462               |
| 30  | 4912    | 7366   | 194717 | <a href="#">David Normando</a>                  |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia   Bioestatística   Ameríndios   | 30      | 22          | 0.733               | 69        | 57          | 0.826               | 3364     | 2081        | 0.619               |
| 43  | 4913    | 7367   | 194735 | <a href="#">Rosemary Shinkai</a>                |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Medicine   Public Health   Publishing  | 30      | 19          | 0.633               | 54        | 38          | 0.704               | 3362     | 1194        | 0.355               |
| 9   | 4914    | 7368   | 194739 | <a href="#">Rinaldo Luiz Caraciolo Ferreira</a> |  Brazil | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>              | <a href="#">ManejoFlorestalRuralPernambuco</a><br>Manejo Florestal  | 30      | 18          | 0.600               | 104       | 45          | 0.433               | 3361     | 1414        | 0.421               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 44  | 4915    | 7370   | 194802 | <a href="#">Leda Bisol</a>                       |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>      | <a href="#">Social Sciences / Linguistics and Literature</a><br>Fonologia   Sociolinguística  | 30      | 18          | 0.600               | 43        | 32          | 0.744               | 3352     | 910         | 0.271               |
| 312   | 4916    | 7371   | 194804 | <a href="#">Marcantonio Racioppi</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">Medical and Health Sciences / Dentistry</a>   | 30      | 18          | 0.600               | 69        | 41          | 0.594               | 3351     | 1263        | 0.377               |
| 92  | 4917    | 7373   | 194844 | <a href="#">Alvadi Antonio Balbinot Junior</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>                      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   | 30      | 21          | 0.700               | 74        | 48          | 0.649               | 3344     | 1678        | 0.502               |
| 1374  | 4918    | 7376   | 194883 | <a href="#">Carolina Demarchi Munhoz</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neuropharmacology and neuroscience  | 30      | 21          | 0.700               | 44        | 37          | 0.841               | 3338     | 1645        | 0.493               |
| 9   | 4919    | 7377   | 194886 | <a href="#">Carlos Edwar De Carvalho Freitas</a> |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                            | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>fisheries   fish ecology   population dynamics   stock assessment   freshwater biology                                    | 30      | 21          | 0.700               | 88        | 64          | 0.727               | 3337     | 1920        | 0.575               |
| 19  | 4920    | 7378   | 194899 | <a href="#">Antonio Carlos Gama Rodrigues</a>    |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>          | <a href="#">DoSoloNorteDarcyRibeiro</a><br>Ciência do Solo   Ciclagem de nutrientes   agroflorestas   floresta  | 30      | 23          | 0.767               | 55        | 41          | 0.745               | 3336     | 1482        | 0.444               |
| 34  | 4921    | 7379   | 194909 | <a href="#">Vanda Helena Paes Bueno</a>          |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Augmentative biological control   mass rearing   quality control   heteropteran predators | 30      | 19          | 0.633               | 101       | 36          | 0.356               | 3332     | 1294        | 0.388               |
| 4   | 4922    | 7380   | 194910 | <a href="#">José Machado Moita Neto</a>          |  Brazil | <a href="#">Universidade Federal do Piauí</a>                                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Filosofia   Engenharia   Meio Ambiente   Estatística  | 30      | 19          | 0.633               | 77        | 49          | 0.636               | 3332     | 1750        | 0.525               |
| 1375  | 4923    | 7381   | 194924 | <a href="#">Rodolfo Jaffé</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Biological Science</a><br>applied ecology   environmental data science   biodiversity and ecosystem services   | 30      | 25          | 0.833               | 57        | 49          | 0.860               | 3330     | 2407        | 0.723               |
| 1376  | 4924    | 7384   | 194942 | <a href="#">Suzana Caetano Da Silva Lannes</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>chocolate   óleos e gorduras   reologia   produtos gordurosos   textura                     | 30      | 21          | 0.700               | 72        | 49          | 0.681               | 3327     | 2040        | 0.613               |
| 15  | 4925    | 7386   | 194949 | <a href="#">Caroline Tozzi Reppold</a>           |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia  | 30      | 21          | 0.700               | 70        | 45          | 0.643               | 3325     | 1681        | 0.506               |
| 1377  | 4926    | 7387   | 194979 | <a href="#">Pedro Genta</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Sleep Medicine   Pulmonology  | 30      | 25          | 0.833               | 55        | 47          | 0.855               | 3321     | 2043        | 0.615               |
| 1378  | 4927    | 7388   | 194989 | <a href="#">Hugo A Armelin</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Cell and Molecular Biology   | 30      | 11          | 0.367               | 65        | 11          | 0.169               | 3319     | 394         | 0.119               |


















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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 200   | 4928    | 7390   | 195006 | <a href="#">Deborah Dick</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>química de solos   química ambiental   dinâmica da matéria orgânica  | 30      | 17          | 0.567               | 64        | 33          | 0.516               | 3316     | 1085        | 0.327               |
| 8   | 4929    | 7391   | 195017 | <a href="#">Mitiko Saiki</a>                      |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a> , <a href="#">IPEN-CNEN/SP</a> | <a href="#">Pesquisador Titular, Instituto de Pesquisas Energeticas e Nucleares, IPEN-CNEN/SP</a><br>Análise de elementos químicos   Análise por Ativação   Materiais biológicos   Técnicas analíticas nucleares | 30      | 15          | 0.500               | 90        | 26          | 0.289               | 3314     | 962         | 0.290               |
| 209   | 4930    | 7392   | 195027 | <a href="#">Luiz De Macedo Farias</a>             |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                                     | <a href="#">Medical and Health Sciences / Bacteriology</a><br>Bacteriologia   Microbiologia Oral   Bacteriocinas   | 30      | 18          | 0.600               | 75        | 35          | 0.467               | 3312     | 1050        | 0.317               |
| 123   | 4931    | 7393   | 195028 | <a href="#">Alexandre Wagner Silva De Souza</a>   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                                     | <a href="#">Medical and Health Sciences / Rheumatology</a><br>systemic vasculitis   Takayasu arteritis   Behçet's disease   ANCA-associated vasculitis   | 30      | 22          | 0.733               | 60        | 48          | 0.800               | 3312     | 2004        | 0.605               |
| 21  | 4932    | 7394   | 195045 | <a href="#">Gustavo M Dalpian</a>                 |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>   | <a href="#">Natural Sciences / Physics</a><br>Physics   Chemistry   Materials Science  | 30      | 20          | 0.667               | 62        | 38          | 0.613               | 3309     | 1289        | 0.390               |
| 90  | 4933    | 7396   | 195093 | <a href="#">Suzana Mueller</a>                    |  Brazil   | <a href="#">Universidade de Brasília UNB</a>  | <a href="#">Social Sciences / Library and Information Science</a><br>Scientific Communication   Bibliometrics   Scientific journals  | 30      | 16          | 0.533               | 49        | 23          | 0.469               | 3302     | 887         | 0.269               |
| 35  | 4934    | 7397   | 195097 | <a href="#">Jose Marcio De Mello</a>              |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>GEOESTATÍSTICA   INVENTÁRIO FLORESTAL E HIDROLOGIA FLORESTAL  | 30      | 20          | 0.667               | 91        | 54          | 0.593               | 3301     | 1575        | 0.477               |
| 1379  | 4935    | 7398   | 195109 | <a href="#">Elisa Yumi Nakagawa</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software architecture   reference architectures   systems-of-systems  | 30      | 21          | 0.700               | 91        | 56          | 0.615               | 3299     | 1851        | 0.561               |
| 91  | 4936    | 7399   | 195120 | <a href="#">Kleber Thiago De Oliveira</a>         |  Brazil  | <a href="#">Universidade Federal de São Carlos</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese Orgânica   Compostos Heterocíclicos   Fotossensibilizadores   Porfirinas   Fotocatálise e Flow Chemistry   | 30      | 25          | 0.833               | 84        | 59          | 0.702               | 3297     | 2093        | 0.635               |
| 1380  | 4937    | 7401   | 195127 | <a href="#">Terezinha De Jesus Andreoli Pinto</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia   | 30      | 23          | 0.767               | 76        | 53          | 0.697               | 3295     | 1868        | 0.567               |
| 203   | 4938    | 7402   | 195155 | <a href="#">Sandra R. Torres</a>                  |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>  | estomatologia   cuidados odontológicos para pacientes com a saúde comprometida   | 30      | 21          | 0.700               | 54        | 37          | 0.685               | 3291     | 2078        | 0.631               |
| 1381  | 4939    | 7404   | 195165 | <a href="#">Gmgusev</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Natural Sciences / Physics</a><br>semicondutores   | 30      | 16          | 0.533               | 97        | 31          | 0.320               | 3288     | 1015        | 0.309               |
| 41  | 4940    | 7405   | 195179 | <a href="#">Marcos Aparecido Sarria Cabrera</a>   |  Brazil | <a href="#">Universidade Estadual de Londrina</a>   | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Geriatria   Gerontologia   Saúde Coletiva   Epidemiologia  | 30      | 18          | 0.600               | 53        | 31          | 0.585               | 3286     | 1334        | 0.406               |
| 204   | 4941    | 7406   | 195184 | <a href="#">Paulo Roberto Oliveira</a>            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>  | <a href="#">áreaotimizaãSÁfoPESCCOPPEUFRJ</a><br>Otimização contínua   | 30      | 21          | 0.700               | 69        | 47          | 0.681               | 3284     | 1796        | 0.547               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 10  | 4942    | 7407   | 195223 | <a href="#">Mercia Virginia Ferreira Dos Santos</a>   |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a> | <a href="#">PastagemForragiculturaRuralPernambuco</a><br>Pastagem e Forragicultura   Zootecnia  | 30      | 19          | 0.633               | 94        | 45          | 0.479               | 3277     | 1443        | 0.440               |
| 362   | 4943    | 7408   | 195227 | <a href="#">Andrei Fernandes Joaquim</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Spinal Surgery   Neurosurgery   | 30      | 26          | 0.867               | 87        | 69          | 0.793               | 3276     | 2268        | 0.692               |
| 363   | 4944    | 7409   | 195237 | <a href="#">Renato Garcia</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economics of Innovation   Economic Geography   Regional Sciences   Geography of Innovation   Policy | 30      | 17          | 0.567               | 66        | 28          | 0.424               | 3274     | 954         | 0.291               |
| 205   | 4945    | 7411   | 195258 | <a href="#">Luis Ghivelder</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Natural Sciences / Physics</a><br>condensed matter physics  | 30      | 14          | 0.467               | 76        | 27          | 0.355               | 3270     | 794         | 0.243               |
| 210   | 4946    | 7412   | 195266 | <a href="#">Fabio Alves</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Social Sciences / Linguistics and Literature</a><br>Translation Studies   Psycholinguistics   Pragmatics   Cognitive Science                        | 30      | 20          | 0.667               | 52        | 38          | 0.731               | 3269     | 1278        | 0.391               |
| 91  | 4947    | 7413   | 195278 | <a href="#">Marcelo Macedo Brigido</a>  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology  | 30      | 15          | 0.500               | 54        | 26          | 0.481               | 3267     | 880         | 0.269               |
| 133   | 4948    | 7415   | 195368 | <a href="#">Cristiane Da Cruz Lamas, Cristiane Cruz Lamas, Lamas Cc, Lamas Cdc, Cc Lamas, Cdc</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                          | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>endocardite infecciosa   doenças bacterianas   arboviroses   micoses profundas   HIV/AIDS  | 30      | 24          | 0.800               | 54        | 44          | 0.815               | 3252     | 1784        | 0.549               |
| 1382  | 4949    | 7416   | 195369 | <a href="#">Katia Rubio</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">UniversidSão Paulo</a><br>Estudos Olímpicos e Psicologia do Esporte   | 30      | 19          | 0.633               | 76        | 45          | 0.592               | 3251     | 1397        | 0.430               |
| 1383  | 4950    | 7418   | 195386 | <a href="#">Marta Maria Melleiro</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | Qualidade e Avaliação de Serviços de Saúde  | 30      | 20          | 0.667               | 71        | 41          | 0.577               | 3248     | 1262        | 0.389               |
| 12  | 4951    | 7420   | 195406 | <a href="#">Luis Eduardo Antunes Vieira</a>   |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>      | <a href="#">Natural Sciences / Physics</a><br>Solar Physics   | 30      | 16          | 0.533               | 43        | 22          | 0.512               | 3246     | 1197        | 0.369               |
| 1384  | 4952    | 7425   | 195493 | <a href="#">Evandro Sobroza De Mello</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia   fígado   estômago   cólon   cabeça e pescoço   | 30      | 22          | 0.733               | 80        | 43          | 0.538               | 3227     | 1374        | 0.426               |
| 71  | 4953    | 7426   | 195494 | <a href="#">Rubia Maria Monteiro Weffort De Oliveira</a>  |  Brazil | <a href="#">Universidade Estadual de Maringá</a>               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>neurobiologia da depressão   isquemia cerebral experimental   neuroproteção                       | 30      | 20          | 0.667               | 74        | 42          | 0.568               | 3227     | 1414        | 0.438               |
| 56  | 4954    | 7427   | 195523 | <a href="#">Barbosa Jsf</a>   |  Brazil | <a href="#">Universidade Federal da Bahia</a>                  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Petrologia   Mapeamento Geológico   Tectônica  | 30      | 17          | 0.567               | 72        | 34          | 0.472               | 3221     | 1186        | 0.368               |

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| 1385  | 4955    | 7428   | 195527 | <a href="#">Katia Rubio</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">dEducaÃsÃo</a><br>Estudos Olímpicos   Psicologia do Esporte   | 30      | 19          | 0.633               | 75        | 45          | 0.600               | 3220     | 1392        | 0.432               |
| 134   | 4956    | 7430   | 195578 | <a href="#">Raquel De Boni</a>                      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Researcher in Public Health, FIOCRUZ</a><br>Alcohol Epidemiology   Lifestyle   Behavior   Digital Health                    | 30      | 24          | 0.800               | 65        | 43          | 0.662               | 3209     | 2262        | 0.705               |
| 1386  | 4957    | 7431   | 195606 | <a href="#">Cláudio Henrique Barbieri</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>ortopedia e traumatologia                                 | 30      | 15          | 0.500               | 72        | 22          | 0.306               | 3204     | 794         | 0.248               |
| 124   | 4958    | 7433   | 195630 | <a href="#">Edileia Bagatin</a>                     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Dermatologia   Cosmiatria   Envelhecimento cutâneo   Acne  | 30      | 23          | 0.767               | 83        | 60          | 0.723               | 3199     | 2018        | 0.631               |
| 1387  | 4959    | 7435   | 195662 | <a href="#">João Roberto Oliveira Do Nascimento</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos   Química e Bioquímica de Alimentos | 30      | 19          | 0.633               | 43        | 31          | 0.721               | 3195     | 1118        | 0.350               |
| 1388  | 4960    | 7436   | 195684 | <a href="#">Mazzer N And Mazer N</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">universidasÃo paulo</a><br>Cirurgia da Mão   nervos periféricos e Plexo Braquial  | 30      | 15          | 0.500               | 73        | 25          | 0.342               | 3189     | 862         | 0.270               |
| 36  | 4961    | 7437   | 195688 | <a href="#">Evaristo Mauro De Castro</a>            |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Botânica Aplicada   Agronomia   Anatomia vegetal                               | 30      | 19          | 0.633               | 87        | 51          | 0.586               | 3188     | 1423        | 0.446               |
| 11  | 4962    | 7438   | 195725 | <a href="#">Gabriel Bartosch Caminha</a>            |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Natural Sciences / Physics</a><br>Strong Lensing   Galaxy Clusters   Cosmology  | 30      | 29          | 0.967               | 42        | 40          | 0.952               | 3182     | 2647        | 0.832               |
| 1389  | 4963    | 7439   | 195749 | <a href="#">Reinaldo Giudici</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>engenharia química   | 30      | 17          | 0.567               | 84        | 29          | 0.345               | 3176     | 1217        | 0.383               |
| 93  | 4964    | 7440   | 195758 | <a href="#">Ricardo Abdelnoor</a>                   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Soja, Londrina, Brazil</a>  | 30      | 20          | 0.667               | 47        | 31          | 0.660               | 3175     | 1179        | 0.371               |
| 1390  | 4965    | 7441   | 195769 | <a href="#">Antonio Alberto Nogueira</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Ginecologia e Obstetrícia                                    | 30      | 19          | 0.633               | 76        | 36          | 0.474               | 3172     | 1176        | 0.371               |
| 1391  | 4966    | 7442   | 195781 | <a href="#">Fernando Silva Ramalho</a>              |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia  | 30      | 20          | 0.667               | 66        | 40          | 0.606               | 3171     | 1418        | 0.447               |
| 42  | 4967    | 7444   | 195799 | <a href="#">Elismauro Francisco Mendonca</a>        |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral   Câncer Oral   Radiologia Oral   Estomatologia.              | 30      | 22          | 0.733               | 85        | 58          | 0.682               | 3166     | 1751        | 0.553               |
| 364   | 4968    | 7445   | 195812 | <a href="#">Eduardo Augusto Caldas Batista</a>      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>termodinâmica aplicada                                   | 30      | 20          | 0.667               | 65        | 48          | 0.738               | 3164     | 1725        | 0.545               |
| 92  | 4969    | 7446   | 195815 | <a href="#">Fábio Serrão</a>                        |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Universidade Federal de São Carlos</a>  | 30      | 23          | 0.767               | 48        | 40          | 0.833               | 3164     | 1758        | 0.556               |

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| 365   | 4970    | 7448   | 195837 | <a href="#">Lisandro Pavie Cardoso</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   Cristalografia   Defeitos em cristais  | 30      | 18          | 0.600               | 105       | 40          | 0.381               | 3158     | 1223        | 0.387               |
| 55  | 4971    | 7449   | 195839 | <a href="#">Marcia Keske Soares</a>   | <br>Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">Social Sciences / Linguistics and Literature</a><br>Fonoaudiologia   Fala   Distúrbios dos Sons da Fala   | 30      | 11          | 0.367               | 83        | 18          | 0.217               | 3158     | 767         | 0.243               |
| 5   | 4972    | 7450   | 195881 | <a href="#">Ricardo Motta Pinto Coelho</a>  | <br>Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Limnologia   Gestão e Governança de Recursos Hídricos   | 30      | 16          | 0.533               | 64        | 30          | 0.469               | 3153     | 861         | 0.273               |
| 14  | 4973    | 7451   | 195908 | <a href="#">Tanaka Om Tanaka O Tanaka Orlando Tanaka Om Tanaka Om Orlando Tanaka Tanaka</a> | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia   sorriso   smile   malocusão   percepção estética  | 30      | 20          | 0.667               | 91        | 56          | 0.615               | 3147     | 1503        | 0.478               |
| 1392  | 4974    | 7452   | 195922 | <a href="#">Cinira Magali Fortuna</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSão Paulo</a><br>Saude Coletiva  | 30      | 20          | 0.667               | 73        | 49          | 0.671               | 3145     | 1355        | 0.431               |
| 20  | 4975    | 7453   | 195924 | <a href="#">Vanildo Silveira</a>  | <br>Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Science   Plant Biotechnology   Plant Physiology  | 30      | 23          | 0.767               | 56        | 48          | 0.857               | 3145     | 1576        | 0.501               |
| 206   | 4976    | 7454   | 195929 | <a href="#">Carlos Aguiar De Medeiros</a>   | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   história econômica   | 30      | 21          | 0.700               | 66        | 43          | 0.652               | 3144     | 1341        | 0.427               |
| 10  | 4977    | 7455   | 195930 | <a href="#">Isaac Suzart Gomes Filho</a>  | <br>Brazil | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontics   Epidemiology   Radiology   Periodontology   Dentistry   | 30      | 22          | 0.733               | 65        | 49          | 0.754               | 3144     | 1828        | 0.581               |
| 23  | 4978    | 7457   | 196007 | <a href="#">Elizaldo Domingues Dos Santos</a>   | <br>Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                 | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Engineering   Fluid Mechanics   Heat Transfer   Constructal Design   Renewable Energy     | 30      | 22          | 0.733               | 84        | 64          | 0.762               | 3133     | 2081        | 0.664               |
| 211   | 4979    | 7459   | 196017 | <a href="#">Benito Soto Blanco</a>  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina veterinária   Veterinary toxicology   Poisonous plants   Toxic plants   Toxicologia Veterinária | 30      | 20          | 0.667               | 86        | 54          | 0.628               | 3132     | 1708        | 0.545               |
| 9   | 4980    | 7461   | 196050 | <a href="#">Joaquim J Barroso</a>   | <br>Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Microwave Electronics   Electromagnetics   Metamaterials  | 30      | 17          | 0.567               | 97        | 32          | 0.330               | 3127     | 1110        | 0.355               |
| 366   | 4981    | 7462   | 196085 | <a href="#">Claudia Bauzer Medeiros</a>   | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Management of scientific data   open science   eScience   database management   open science               | 30      | 10          | 0.333               | 85        | 10          | 0.118               | 3122     | 375         | 0.120               |

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| 113   | 4982    | 7463   | 196101 | <a href="#">SS Avancini</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Natural Sciences / Physics</a><br>física de hádrons   física nuclear   física de partículas   astrofísica nuclear   | 30      | 21          | 0.700               | 49        | 32          | 0.653               | 3120     | 1548        | 0.496               |
| 367   | 4983    | 7464   | 196114 | <a href="#">Ricardo Carlos Cordeiro</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">MédicasCampinasUNICAMPBrasil</a>  | 30      | 17          | 0.567               | 58        | 29          | 0.500               | 3118     | 860         | 0.276               |
| 4   | 4984    | 7466   | 196146 | <a href="#">Janaina Da Silva Crespo</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade de Caxias do Sul</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros   Materiais   Elastômeros   Filmes Finos                              | 30      | 22          | 0.733               | 64        | 55          | 0.859               | 3111     | 1817        | 0.584               |
| 368   | 4985    | 7467   | 196163 | <a href="#">Claudio Francisco Tormena</a>    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>NMR   | 30      | 16          | 0.533               | 115       | 30          | 0.261               | 3107     | 1105        | 0.356               |
| 1393  | 4986    | 7468   | 196183 | <a href="#">Heloisa Helena Ciqueto Peres</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">TITULARORIENTAÃ+fOPROFSSIONALDE! GERENCIAMENTO EM ENFERMAGEM   INFORMÁTICA EM ENFERMAGEM   TELEENFERMAGEM   TELEEDUCAÇÃO   RECURSOS HUMANOS EM ENFERMAGEM  </a> | 30      | 18          | 0.600               | 85        | 51          | 0.600               | 3103     | 1213        | 0.391               |
| 57  | 4987    | 7471   | 196199 | <a href="#">Ruy Kenji Papa De Kikuchi</a>    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Coral Reefs   Global Changes   Sea Level Change   Marine Geology   Marine Biology         | 30      | 21          | 0.700               | 74        | 41          | 0.554               | 3100     | 1524        | 0.492               |
| 1394  | 4988    | 7472   | 196203 | <a href="#">Pedro Giavina Bianchi</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia Clínica e Alergia  | 30      | 22          | 0.733               | 63        | 49          | 0.778               | 3100     | 2074        | 0.669               |
| 1395  | 4989    | 7474   | 196225 | <a href="#">Douglas Gouvea</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>nanoparticles   sintering   surface   ceramic process                           | 30      | 18          | 0.600               | 74        | 36          | 0.486               | 3096     | 1037        | 0.335               |
| 207   | 4990    | 7475   | 196226 | <a href="#">Bianca Gutflen</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Nuclear Medicine   Radiopharmacy   PET   Radiology  | 30      | 17          | 0.567               | 73        | 32          | 0.438               | 3096     | 1039        | 0.336               |
| 4   | 4991    | 7479   | 196265 | <a href="#">Paulo Sérgio Pereira</a>         |  <a href="#">Brazil</a> | <a href="#">Instituto Federal Goiano</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Produtos Naturais   Cromatografia   Biotecnologia   Espectroscopia  | 30      | 20          | 0.667               | 65        | 43          | 0.662               | 3088     | 1343        | 0.435               |
| 43  | 4992    | 7480   | 196273 | <a href="#">Maria Do Carmo Matias Freire</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Saúde coletiva   | 30      | 21          | 0.700               | 68        | 41          | 0.603               | 3087     | 1311        | 0.425               |
| 201   | 4993    | 7483   | 196299 | <a href="#">Jonas Rodrigues</a>              |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Pediatric Dentistry   Cariology  | 30      | 20          | 0.667               | 70        | 50          | 0.714               | 3083     | 1363        | 0.442               |
| 202   | 4994    | 7485   | 196336 | <a href="#">Cesar Petzhold</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros   | 30      | 21          | 0.700               | 72        | 42          | 0.583               | 3077     | 1344        | 0.437               |

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| 313   | 4995    | 7488   | 196349 | <a href="#">Diogo Paschoalini Volanti</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry   Materials Science  | 30      | 23          | 0.767               | 48        | 42          | 0.875               | 3075     | 1742        | 0.567               |
| 34  | 4996    | 7489   | 196371 | <a href="#">Tiago Collares</a>                  |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Biotechnology   | 30      | 22          | 0.733               | 87        | 74          | 0.851               | 3071     | 2175        | 0.708               |
| 44  | 4997    | 7494   | 196406 | <a href="#">Celso P De Melo</a>                 |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Physics</a><br>Polímeros não-Convencionais  | 30      | 18          | 0.600               | 89        | 34          | 0.382               | 3063     | 924         | 0.302               |
| 27  | 4998    | 7495   | 196425 | <a href="#">Alfredo Júlio Fernandes Neto</a>    |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Área de Pós-Graduação em Odontologia</a><br>Oclusão   Disfunção Temporomandibular   Prótese Fixa   Materiais Odontológicos | 30      | 18          | 0.600               | 60        | 35          | 0.583               | 3061     | 1080        | 0.353               |
| 72  | 4999    | 7496   | 196427 | <a href="#">Maria Celeste Gonçalves Vidigal</a> |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Genetic resistance   Common bean   Genetic mapping                       | 30      | 21          | 0.700               | 86        | 46          | 0.535               | 3060     | 1310        | 0.428               |
| 208   | 5000    | 7498   | 196494 | <a href="#">Adauto Cardoso</a>                  |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">IPPUR/UFRJ</a><br>habitação   planejamento urbano  | 30      | 17          | 0.567               | 57        | 30          | 0.526               | 3049     | 1119        | 0.367               |




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| 42  | 5001    | 7499   | 196498 | <a href="#">Enio Ricardo Vaz Ronque</a>     | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>         | <a href="#">Study and in physical activity Exercise</a><br>Physical Activity   Fitness   Growth and biological maturation   Body composition   Children and adolescence | 30      | 21          | 0.700               | 80        | 56          | 0.700               | 3048     | 1506        | 0.494               |
| 212   | 5002    | 7502   | 196508 | <a href="#">Lisete Lange</a>                | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Saneamento Ambiental</a><br>resíduos sólidos urbanos e industriais   tratamento de efluentes   processos oxidativos avançados e sep                         | 30      | 23          | 0.767               | 63        | 49          | 0.778               | 3047     | 2028        | 0.666               |
| 1396  | 5003    | 7503   | 196570 | <a href="#">Marcello H Nogueira Barbosa</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiology   Diagnostic Imaging   Musculoskeletal Radiology   Spine   Peripheral nerves                       | 30      | 25          | 0.833               | 94        | 69          | 0.734               | 3035     | 2062        | 0.679               |
| 46  | 5004    | 7504   | 196608 | <a href="#">Roberto Bechara Muniz</a>       | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>           | <a href="#">Natural Sciences / Physics</a><br>Physics   | 30      | 13          | 0.433               | 57        | 16          | 0.281               | 3029     | 538         | 0.178               |
| 6   | 5005    | 7505   | 196620 | <a href="#">Luis Felipe Ribeiro Pinto</a>   | <br>Brazil   | <a href="#">Instituto Nacional de Cancer</a>              | <a href="#">Pesquisador Titular, Instituto Nacional de Cancer</a><br>oncologia  | 30      | 19          | 0.633               | 78        | 46          | 0.590               | 3026     | 1434        | 0.474               |
| 93  | 5006    | 7506   | 196622 | <a href="#">Richard Eloin Liebano</a>       | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>        | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Neuroscience of pain   Tissue Healing   Electrophysical Agents   | 30      | 20          | 0.667               | 75        | 45          | 0.600               | 3026     | 1647        | 0.544               |
| 76  | 5007    | 7507   | 196633 | <a href="#">Henrique Soares Koehler</a>     | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>            | <a href="#">UFPR</a><br>Manejo Florestal   Estatística Experimental   | 30      | 17          | 0.567               | 86        | 42          | 0.488               | 3024     | 1222        | 0.404               |
| 1397  | 5008    | 7508   | 196674 | <a href="#">André Sawakuchi</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Luminescence dating   Earth surface processes   Amazonian rivers                                       | 30      | 24          | 0.800               | 75        | 66          | 0.880               | 3018     | 2226        | 0.738               |
| 1398  | 5009    | 7509   | 196696 | <a href="#">Fábio R Marin</a>               | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Agriculture &amp; Forestry / Crop Sciences</a><br>Crop modeling   agrometeorology   sugarcane   plant physiology  | 30      | 21          | 0.700               | 76        | 44          | 0.579               | 3013     | 1557        | 0.517               |
| 1399  | 5010    | 7511   | 196733 | <a href="#">Thais Guimaraes</a>             | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectologia   | 30      | 24          | 0.800               | 48        | 43          | 0.896               | 3009     | 1561        | 0.519               |
| 56  | 5011    | 7513   | 196748 | <a href="#">Carla Aparecida Cielo</a>       | <br>Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>  | Voz   Laringe   Análise acústica   Voice   Larynx   | 30      | 15          | 0.500               | 95        | 37          | 0.389               | 3004     | 1192        | 0.397               |
| 77  | 5012    | 7514   | 196780 | <a href="#">Geraldo Picheth</a>             | <br>Brazil | <a href="#">Universidade Federal do Paraná</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica clínica   biologia molecular   diabetes mellitus   | 30      | 18          | 0.600               | 66        | 37          | 0.561               | 2999     | 1054        | 0.351               |
| 125   | 5013    | 7516   | 196792 | <a href="#">Marília Dos Santos Andrade</a>  | <br>Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a> | <a href="#">Saopaulo</a><br>exercise physiology   injury prevention   muscular evaluation   | 30      | 26          | 0.867               | 60        | 53          | 0.883               | 2996     | 2122        | 0.708               |
| 1400  | 5014    | 7519   | 196813 | <a href="#">Alessandra Mazzo</a>            | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Education / Education</a><br>educação   simulação clínica   cateterismo urinário  | 30      | 24          | 0.800               | 76        | 62          | 0.816               | 2993     | 2219        | 0.741               |
| 22  | 5015    | 7520   | 196826 | <a href="#">Wagner Alves Carvalho</a>       | <br>Brazil | <a href="#">Universidade Federal do ABC UFABC</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>catálise heterogênea   adsorção   conversão de biomassa   economia circular   tratamento de efluentes           | 30      | 23          | 0.767               | 53        | 39          | 0.736               | 2992     | 1373        | 0.459               |

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| 78  | 5016    | 7521   | 196873 | <a href="#">Sergio Gregorio Da Silva</a>      |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Education / Education</a><br>Fisiologia do Exercício   Treinamento Desportivo  | 30      | 17          | 0.567               | 70        | 31          | 0.443               | 2985     | 982         | 0.329               |
| 314   | 5017    | 7523   | 196884 | <a href="#">Wilson Roberto Poi</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Trauma dentário   Endodontia  | 30      | 18          | 0.600               | 70        | 36          | 0.514               | 2983     | 1093        | 0.366               |
| 43  | 5018    | 7525   | 196895 | <a href="#">Mario Luis Orsi</a>               |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Biological invasion   biologia da conservação   ictiologia                                      | 30      | 22          | 0.733               | 55        | 41          | 0.745               | 2981     | 1742        | 0.584               |
| 1401  | 5019    | 7526   | 196913 | <a href="#">Walter Handro</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Fisiologia Vegetal  | 30      | 12          | 0.400               | 59        | 18          | 0.305               | 2978     | 580         | 0.195               |
| 1402  | 5020    | 7528   | 196953 | <a href="#">Ana Maria Da Costa Ferreira</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Bioinorganic Chemistry   Medicinal Inorganic Chemistry   | 30      | 17          | 0.567               | 52        | 27          | 0.519               | 2972     | 891         | 0.300               |
| 47  | 5021    | 7529   | 196985 | <a href="#">Ana Luiza Spadano Albuquerque</a> |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geoquímica marinha   Paleoceanografia   Paleoclima                                      | 30      | 19          | 0.633               | 65        | 47          | 0.723               | 2967     | 1512        | 0.510               |
| 73  | 5022    | 7530   | 196995 | <a href="#">Antonio Ferriani Branco</a>       |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção Animal   Nutrição Animal   Zootecnia                                       | 30      | 14          | 0.467               | 70        | 21          | 0.300               | 2966     | 1129        | 0.381               |
| 6   | 5023    | 7531   | 197011 | <a href="#">Maria Jose Valenzuela Bell</a>    |  Brazil  | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>              | glasses   optics   photonics   Rare Earth ions   dairy   | 30      | 23          | 0.767               | 78        | 55          | 0.705               | 2963     | 1613        | 0.544               |
| 203   | 5024    | 7533   | 197065 | <a href="#">Marcelo Lubaszewski</a>           |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Microeletrônica   Semicondutores   Teste   Tolerância a falhas | 30      | 9           | 0.300               | 85        | 7           | 0.082               | 2954     | 410         | 0.139               |
| 1403  | 5025    | 7534   | 197074 | <a href="#">Cristiano Mazur Chiessi</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Arts, Design and Architecture / Arts</a><br>Paleoceanography   paleoclimatology   climate change   Atlantic Ocean                            | 30      | 27          | 0.900               | 68        | 65          | 0.956               | 2952     | 2240        | 0.759               |
| 9   | 5026    | 7536   | 197109 | <a href="#">Eva Burger</a>                    |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunity to infectious diseases  | 30      | 11          | 0.367               | 51        | 19          | 0.373               | 2947     | 615         | 0.209               |
| 1404  | 5027    | 7537   | 197110 | <a href="#">Leandro Helgueira Andrade</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry  | 30      | 15          | 0.500               | 73        | 37          | 0.507               | 2946     | 1191        | 0.404               |
| 1405  | 5028    | 7538   | 197114 | <a href="#">Evelin Capellari Carnio</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiopatologia da sepse  | 30      | 15          | 0.500               | 82        | 35          | 0.427               | 2945     | 932         | 0.316               |
| 1406  | 5029    | 7539   | 197169 | <a href="#">Maria Anita Mendes</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">DempsterEspectrometriMassasPOLIP</a><br>Espectrometria de Massas   biotecnologia   proteoma   metaboloma                                     | 30      | 14          | 0.467               | 59        | 24          | 0.407               | 2935     | 1036        | 0.353               |

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| 369   | 5030    | 7541   | 197206 | <a href="#">Renato Grimaldi</a>                | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Foods   Analytical Chemistry.  | 30      | 23          | 0.767               | 58        | 40          | 0.690               | 2930     | 1461        | 0.499               |
| 1407  | 5031    | 7542   | 197208 | <a href="#">Geraldo A Passos</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Gene expression profiling (transcriptomics) of immune system cells: thymic epithelial cells   thymocytes and peripheral T cells. | 30      | 18          | 0.600               | 75        | 39          | 0.520               | 2929     | 1230        | 0.420               |
| 41  | 5032    | 7543   | 197213 | <a href="#">Stella Taquette</a>                | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>medicina   saúde pública  | 30      | 20          | 0.667               | 62        | 37          | 0.597               | 2928     | 1320        | 0.451               |
| 15  | 5033    | 7544   | 197269 | <a href="#">Rohit Gheyi</a>                    | <br>Brazil   | <a href="#">Universidade Federal de Campina Grande</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   | 30      | 20          | 0.667               | 61        | 33          | 0.541               | 2921     | 1445        | 0.495               |
| 209   | 5034    | 7545   | 197300 | <a href="#">Miguel Quartin</a>                 | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Astrophysics  | 30      | 22          | 0.733               | 47        | 42          | 0.894               | 2917     | 1786        | 0.612               |
| 16  | 5035    | 7547   | 197317 | <a href="#">Marcia Rosangela Wink</a>          | <br>Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia celular   cancer   sinalização purinérgica   regeneração tecidual   | 30      | 23          | 0.767               | 67        | 53          | 0.791               | 2913     | 1539        | 0.528               |
| 79  | 5036    | 7549   | 197327 | <a href="#">Silvia Regina Vergilio</a>         | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>software engineering   software testing   search based software engineering  | 30      | 19          | 0.633               | 85        | 46          | 0.541               | 2911     | 1503        | 0.516               |
| 213   | 5037    | 7550   | 197354 | <a href="#">Cynthia Demicheli</a>              | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Bioinorgânica   | 30      | 17          | 0.567               | 44        | 28          | 0.636               | 2908     | 1036        | 0.356               |
| 58  | 5038    | 7551   | 197356 | <a href="#">Rita De Cassia Ribeiro Silva</a>   | <br>Brazil  | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   | 30      | 20          | 0.667               | 64        | 44          | 0.688               | 2907     | 1777        | 0.611               |
| 8   | 5039    | 7552   | 197382 | <a href="#">Gabriela Lotta</a>                 | <br>Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora FGV</a><br>Public administration   Public policies   Policy implementation   Bureaucracy   Street-level bureaucracy  | 30      | 27          | 0.900               | 64        | 59          | 0.922               | 2903     | 2375        | 0.818               |
| 4   | 5040    | 7554   | 197395 | <a href="#">Denise Maria Christofolini</a>     | <br>Brazil | <a href="#">Fundação e Faculdade de Medicina do ABC</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>human genetics   cytogenetics   molecular biology  | 30      | 20          | 0.667               | 86        | 47          | 0.547               | 2901     | 1433        | 0.494               |
| 1408  | 5041    | 7555   | 197398 | <a href="#">Carla Regina De Souza Teixeira</a> | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">NRibeirão Preto São João del-Rei</a><br>enfermagem   diabetes   educação em saúde   mortalidade   | 30      | 20          | 0.667               | 66        | 37          | 0.561               | 2901     | 1395        | 0.481               |
| 1409  | 5042    | 7558   | 197423 | <a href="#">Diogo Moura</a>                    | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Endoscopia Digestiva Diagnóstica e Terapêutica  | 30      | 29          | 0.967               | 91        | 91          | 1.000               | 2897     | 2792        | 0.964               |


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| 315   | 5043    | 7559   | 197465 | <a href="#">Doris Hissako Sumida</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Physiology</a><br>Diabetes   Inflamação e toxicidade por fluoreto   | 30      | 24          | 0.800               | 60        | 47          | 0.783               | 2889     | 1693        | 0.586               |
| 214   | 5044    | 7560   | 197469 | <a href="#">Junia Serra Negra</a>                          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>comportamento   criança   bruxismo   desordens do sono   | 30      | 28          | 0.933               | 59        | 51          | 0.864               | 2888     | 1819        | 0.630               |
| 1410  | 5045    | 7562   | 197506 | <a href="#">JF Fontanari</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Population dynamics   Social systems   Collective intelligence  | 30      | 13          | 0.433               | 85        | 16          | 0.188               | 2881     | 544         | 0.189               |
| 210   | 5046    | 7563   | 197512 | <a href="#">Alvaro Coutinho</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>computational mechanics   computational fluid dynamics   computational science   parallel computing | 30      | 14          | 0.467               | 95        | 33          | 0.347               | 2880     | 815         | 0.283               |
| 8   | 5047    | 7564   | 197513 | <a href="#">Cristiano Mostarda</a>                         |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                            | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Fisiologia do Exercício   Doenças Cardiovasculares   | 30      | 19          | 0.633               | 65        | 45          | 0.692               | 2880     | 1407        | 0.489               |
| 204   | 5048    | 7565   | 197518 | <a href="#">Guilhan Leipnitz</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry  | 30      | 19          | 0.633               | 94        | 62          | 0.660               | 2879     | 1480        | 0.514               |
| 88  | 5049    | 7566   | 197535 | <a href="#">Hamilton Ferreira Gomes De Abreu Abreu Hfg</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | Textura cristalográfica   Propriedades mecânicas de aços  | 30      | 24          | 0.800               | 65        | 52          | 0.800               | 2876     | 1659        | 0.577               |
| 1411  | 5050    | 7567   | 197588 | <a href="#">Pastorino Antonio Carlos</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Alergia e Imunologia   Pediatria   Infectologia  | 30      | 17          | 0.567               | 66        | 32          | 0.485               | 2866     | 1080        | 0.377               |
| 45  | 5051    | 7568   | 197603 | <a href="#">Fernanda Salum</a>                             |  Brazil  | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Estomatologia  | 30      | 24          | 0.800               | 66        | 49          | 0.742               | 2864     | 1629        | 0.569               |
| 1412  | 5052    | 7571   | 197636 | <a href="#">Tonicarlo Rodrigues Velasco</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | Epilepsy  | 30      | 18          | 0.600               | 62        | 33          | 0.532               | 2859     | 1022        | 0.357               |
| 94  | 5053    | 7572   | 197639 | <a href="#">Orivaldo José Saggin Júnior</a>                |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Pesquisador A, Embrapa</a><br>Microbiologia do solo   | 30      | 16          | 0.533               | 54        | 27          | 0.500               | 2859     | 1036        | 0.362               |
| 59  | 5054    | 7574   | 197664 | <a href="#">Jose Garcia Vivas Miranda</a>                  |  Brazil | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Natural Sciences / Physics</a><br>Computational model   complex systems   Neuroscience   Biomechanics   | 30      | 21          | 0.700               | 74        | 46          | 0.622               | 2854     | 1629        | 0.571               |
| 205   | 5055    | 7575   | 197676 | <a href="#">Diogo S Lüdtkke</a>                            |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Orgânica  | 30      | 18          | 0.600               | 58        | 36          | 0.621               | 2853     | 934         | 0.327               |

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|---|---------|--------|--------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 35  | 5056    | 7576   | 197734 | <a href="#">Luis Antonio De Avila</a>               |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Weed Science   Climate Changes   Herbicide resistance   Environmental Fate of Herbicides   Herbicide physiology  | 30      | 20          | 0.667               | 65        | 43          | 0.662               | 2843     | 1500        | 0.528               |
| 60  | 5057    | 7577   | 197746 | <a href="#">Helma P Cotrim</a>                      |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                 | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatologia- Esteato-Hepatite Não Alcoólica   Carcinoma Hepatoceleular   | 30      | 19          | 0.633               | 58        | 34          | 0.586               | 2841     | 1063        | 0.374               |
| 13  | 5058    | 7578   | 197781 | <a href="#">José Claudinei Lombardi</a>             |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>    | <a href="#">Education / Education</a><br>Educação  | 30      | 15          | 0.500               | 55        | 29          | 0.527               | 2834     | 844         | 0.298               |
| 42  | 5059    | 7579   | 197785 | <a href="#">Helena Maria Scherlowski Leal David</a> |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">BolsistProdutivida2CNPq&amp;#x20ac!</a><br>Trabalho e saude   educaç&#x2011;o em saude   educaç&#x2011;o popular   | 30      | 21          | 0.700               | 65        | 43          | 0.662               | 2833     | 1472        | 0.520               |
| 80  | 5060    | 7581   | 197797 | <a href="#">Daniela Almeida Cabrini</a>             |  Brazil   | <a href="#">Universidade Federal do Paran&amp;#x2011;a</a>    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   | 30      | 18          | 0.600               | 57        | 37          | 0.649               | 2830     | 1062        | 0.375               |
| 9   | 5061    | 7582   | 197800 | <a href="#">Fernando Roig</a>                       |  Brazil   | <a href="#">Observatorio Nacional</a>                         | <a href="#">Observatorio Nacional, Brazil</a><br>Dynamical Astronomy   Planetary Sciences  | 30      | 20          | 0.667               | 48        | 36          | 0.750               | 2830     | 1320        | 0.466               |
| 92  | 5062    | 7585   | 197827 | <a href="#">Lauro Vianna</a>                        |  Brazil   | <a href="#">Universidade de Bras&amp;#x2011;lia UNB</a>       | Cardiovascular Physiology   Integrative Physiology   Neural Control of the Circulation   | 30      | 24          | 0.800               | 68        | 61          | 0.897               | 2825     | 2012        | 0.712               |
| 1413  | 5063    | 7587   | 197856 | <a href="#">Vinicius Pedrazzi</a>                   |  Brazil   | <a href="#">Universidade de S&amp;#x2011;o Paulo USP</a>      | <a href="#">MS6ClinicIntegrProfissionalizanteeGerodontologi&amp;#x2011;a!</a><br>Prevenç&#x2011;o   Materiais Dent&#x2011;rios Preventivos e Correlatos   DNA-Checkerboard Hybridization   Endodontia   Cl&#x2011;nica Odontol&#x2011;gica | 30      | 23          | 0.767               | 55        | 45          | 0.818               | 2821     | 1464        | 0.519               |
| 43  | 5064    | 7588   | 197864 | <a href="#">Alex C Manh&amp;#x2011;es</a>           |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroci&#x2011;ncias   | 30      | 17          | 0.567               | 78        | 49          | 0.628               | 2819     | 1308        | 0.464               |
| 370   | 5065    | 7591   | 197944 | <a href="#">Larissa Galatti</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Campinas(FCA/UNICAMP)</a><br>Sport Pedagogy   Sport   Athlet   Coach   | 30      | 25          | 0.833               | 78        | 68          | 0.872               | 2801     | 2130        | 0.760               |
| 48  | 5066    | 7594   | 197954 | <a href="#">L&amp;#x2011;via Azeredo A Antunes</a>  |  Brazil | <a href="#">Universidade Federal Fluminense</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 30      | 25          | 0.833               | 90        | 74          | 0.822               | 2799     | 1928        | 0.689               |
| 3   | 5067    | 7595   | 197956 | <a href="#">Tanos Franca</a>                        |  Brazil | <a href="#">Instituto Militar de Engenharia</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemical and biological defense  | 30      | 20          | 0.667               | 79        | 55          | 0.696               | 2799     | 1824        | 0.652               |
| 89  | 5068    | 7599   | 197984 | <a href="#">Rozane Valente Marins</a>               |  Brazil | <a href="#">Universidade Federal do Cear&amp;#x2011;a</a>     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geoqu&#x2011;mica ambiental   geoqu&#x2011;mica anal&#x2011;tica   oceanografia qu&#x2011;mica   qu&#x2011;mica ambiental   ecologia de ecossistemas                      | 30      | 16          | 0.533               | 67        | 39          | 0.582               | 2796     | 982         | 0.351               |
| 371   | 5069    | 7600   | 197987 | <a href="#">Maria Filomena Ceolim</a>               |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">d&amp;#x2011;a!</a><br>enfermagem   sono   idoso   | 30      | 21          | 0.700               | 62        | 39          | 0.629               | 2796     | 1153        | 0.412               |
| 44  | 5070    | 7601   | 197988 | <a href="#">Washington Junger</a>                   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Natural Sciences / Statistics</a><br>estat&#x2011;stica   sa&#x2011;de p&#x2011;blica   sa&#x2011;de coletiva   epidemiologia ambiental  | 30      | 22          | 0.733               | 59        | 46          | 0.780               | 2796     | 1564        | 0.559               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 114   | 5071    | 7602   | 198002 | <a href="#">Andréa Gonçalves Trentin</a>                | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>medicina regenerativa   cicatrização de feridas   crista neural   células tronco   pele | 30      | 18          | 0.600               | 51        | 32          | 0.627               | 2792     | 1159        | 0.415               |
| 61  | 5072    | 7604   | 198107 | <a href="#">Michael Holz</a>                            | <br>Brazil   | <a href="#">Universidade Federal da Bahia</a>               | <a href="#">UFBABahia</a><br>Stratigraphy  | 30      | 18          | 0.600               | 52        | 31          | 0.596               | 2774     | 1079        | 0.389               |
| 1414  | 5073    | 7606   | 198128 | <a href="#">Fernando Dal Ri Murcia</a>                  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Contabilidade</a><br>contabilidade   | 30      | 17          | 0.567               | 62        | 33          | 0.532               | 2769     | 1229        | 0.444               |
| 36  | 5074    | 7607   | 198148 | <a href="#">Rafael Guerra Lund</a>                      | <br>Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Saúde Pública   Microbiologia   Biossegurança   Empreendedorismo e Inovação           | 30      | 24          | 0.800               | 72        | 58          | 0.806               | 2765     | 1911        | 0.691               |
| 33  | 5075    | 7608   | 198154 | <a href="#">Raimundo Fernandes De Araújo Júnior</a>     | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">RioGrandeNorte./Leiden!</a><br>Inflammation and Cancer   Nanomedicine   Experimental Oncology  | 30      | 26          | 0.867               | 76        | 68          | 0.895               | 2764     | 2074        | 0.750               |
| 1   | 5076    | 7610   | 198170 | <a href="#">Marlene Catarina De Oliveira Lopes Melo</a> | <br>Brazil   | <a href="#">Faculdade Novos Horizontes</a>                  | <a href="#">Unihorizontes</a><br>Gestão de pessoas   | 30      | 15          | 0.500               | 58        | 26          | 0.448               | 2759     | 893         | 0.324               |
| 372   | 5077    | 7611   | 198190 | <a href="#">Renato Falcao Dantas</a>                    | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water treatment   ozonation   advanced oxidation                     | 30      | 24          | 0.800               | 42        | 40          | 0.952               | 2754     | 1739        | 0.631               |
| 1415  | 5078    | 7612   | 198192 | <a href="#">Gerhard Wunderlich</a>                      | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Antigenic variation of malaria parasites   immune recognition of malarial antigens    | 30      | 19          | 0.633               | 57        | 32          | 0.561               | 2753     | 963         | 0.350               |
| 49  | 5079    | 7615   | 198261 | <a href="#">Renato C Cordeiro</a>                       | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Mudanças Climáticas   | 30      | 20          | 0.667               | 56        | 41          | 0.732               | 2736     | 1199        | 0.438               |
| 10  | 5080    | 7616   | 198268 | <a href="#">Antonio Carlos Doriguetto</a>               | <br>Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Crystallography   Chemistry   Polymorphism   drugs and medicines   solid state chemistry               | 30      | 20          | 0.667               | 79        | 41          | 0.519               | 2734     | 1192        | 0.436               |
| 95  | 5081    | 7617   | 198284 | <a href="#">Edison Sujii</a>                            | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Natural Sciences / Biological Science</a><br>ecologia de insetos   controle biológico   biossegurança   manejo de pragas                           | 30      | 20          | 0.667               | 81        | 45          | 0.556               | 2731     | 1196        | 0.438               |
| 44  | 5082    | 7618   | 198307 | <a href="#">Antonio Alonso</a>                          | <br>Brazil | <a href="#">Universidade Federal de Goiás UFG</a>           | <a href="#">brazil</a>   | 30      | 21          | 0.700               | 57        | 42          | 0.737               | 2726     | 1223        | 0.449               |
| 1416  | 5083    | 7619   | 198326 | <a href="#">Antonio Mario Magalhaes</a>                 | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>astrophysics   interstellar medium   magnetic field   stellar envelopes   instrumentation                        | 30      | 14          | 0.467               | 61        | 20          | 0.328               | 2722     | 716         | 0.263               |











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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 316   | 5084    | 7620   | 198327 | <a href="#">Compagnoni Ma</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Odontológicos   protese  | 30      | 21          | 0.700               | 59        | 38          | 0.644               | 2722     | 1137        | 0.418               |
| 68  | 5085    | 7623   | 198358 | <a href="#">Silvio C Ferreira</a>                   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                         | <a href="#">Natural Sciences / Physics</a><br>Complex networks   Nonequilibrium Statistical Physics   Surface growth   Mathematical Oncology   | 30      | 20          | 0.667               | 60        | 40          | 0.667               | 2716     | 1299        | 0.478               |
| 57  | 5086    | 7624   | 198386 | <a href="#">Sergio Luiz Jahn</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia   Engenharia Química   Catálise   Oxidação Avançada  | 30      | 25          | 0.833               | 68        | 59          | 0.868               | 2709     | 1802        | 0.665               |
| 9   | 5087    | 7625   | 198409 | <a href="#">Rodrigo Fernando Brambilla De Souza</a> |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Material Science   | 30      | 23          | 0.767               | 62        | 50          | 0.806               | 2703     | 1549        | 0.573               |
| 1417  | 5088    | 7626   | 198411 | <a href="#">Luciano F Felicio</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   | 30      | 15          | 0.500               | 77        | 24          | 0.312               | 2702     | 760         | 0.281               |
| 32  | 5089    | 7628   | 198436 | <a href="#">Alexandre Street</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Stochastic and Robust optimization   Power system economics   operations and planning   time series   finance          | 30      | 24          | 0.800               | 51        | 40          | 0.784               | 2698     | 1773        | 0.657               |
| 206   | 5090    | 7629   | 198442 | <a href="#">Alvaro Roberto Crespo Merlo</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">deMedicinUFRGSPôs</a><br>Medicina   Psicologia   Administração   | 30      | 16          | 0.533               | 56        | 32          | 0.571               | 2696     | 900         | 0.334               |
| 1418  | 5091    | 7630   | 198457 | <a href="#">Célia Priskulnik Koiffmann</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Biological Science</a>  | 30      | 15          | 0.500               | 60        | 21          | 0.350               | 2693     | 573         | 0.213               |
| 19  | 5092    | 7631   | 198461 | <a href="#">Mário Ernesto Giroldo Valerio</a>       |  Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>                        | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomateriais com propriedades ópticas especiais   nanomateriais biocompatíveis   propriedades ópticas e defeitos nos materiais | 30      | 16          | 0.533               | 96        | 38          | 0.396               | 2692     | 1090        | 0.405               |
| 115   | 5093    | 7632   | 198476 | <a href="#">Arcângelo Loss</a>                      |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | Genese   Morfologia e Classificação de Solos   Matéria orgânica do solo  | 30      | 19          | 0.633               | 76        | 48          | 0.632               | 2689     | 1434        | 0.533               |
| 126   | 5094    | 7633   | 198482 | <a href="#">Caden Souccar</a>                       |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Medical and Health Sciences / Pharmacology</a>   | 30      | 16          | 0.533               | 56        | 23          | 0.411               | 2688     | 637         | 0.237               |
| 317   | 5095    | 7635   | 198491 | <a href="#">Jose Anchieta Gomes Neto</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 30      | 17          | 0.567               | 77        | 34          | 0.442               | 2685     | 1050        | 0.391               |
| 4   | 5096    | 7636   | 198493 | <a href="#">Cristina Pacheco Soares</a>             |  Brazil | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular e Biotecnologia  | 30      | 18          | 0.600               | 63        | 39          | 0.619               | 2685     | 1134        | 0.422               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1419  | 5097    | 7637   | 198495 | <a href="#">Evandro Watanabe</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a>   | 30      | 20          | 0.667               | 59        | 48          | 0.814               | 2685     | 1493        | 0.556               |
| 1420  | 5098    | 7638   | 198498 | <a href="#">Carlos Archanjo</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geology   Tectonics  | 30      | 21          | 0.700               | 53        | 42          | 0.792               | 2685     | 1270        | 0.473               |
| 8   | 5099    | 7639   | 198504 | <a href="#">Isabella Clerici De Maria</a>               |  Brazil   | <a href="#">Instituto Agrônomo</a>                              | <a href="#">Instituto Agrônomo</a><br>Conservação do Solo   | 30      | 18          | 0.600               | 54        | 27          | 0.500               | 2683     | 908         | 0.338               |
| 96  | 5100    | 7640   | 198508 | <a href="#">Zilca Campos</a>                            |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>     | <a href="#">Pesquisador Embrapa</a><br>crocodilianos   pantanal   amazônia   conservação  | 30      | 19          | 0.633               | 70        | 45          | 0.643               | 2682     | 1231        | 0.459               |
| 1421  | 5101    | 7641   | 198509 | <a href="#">Valéria Paula Sassoli Fazan</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurosciences   Human Anatomy   | 30      | 14          | 0.467               | 67        | 24          | 0.358               | 2682     | 878         | 0.327               |
| 1422  | 5102    | 7643   | 198554 | <a href="#">Tania Aparecida Sartori Sanchez Bacheга</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | Hiperplasia Adrenal Congênica   Triagem Neonatal  | 30      | 17          | 0.567               | 56        | 38          | 0.679               | 2671     | 1131        | 0.423               |
| 373   | 5103    | 7644   | 198557 | <a href="#">Laura Sterian</a>                           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">UNICAMP</a>   | 30      | 19          | 0.633               | 57        | 29          | 0.509               | 2670     | 1041        | 0.390               |
| 37  | 5104    | 7646   | 198593 | <a href="#">Antonio Carlos Dos Santos</a>               |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>             | neuroimagem   medicina   neurologia   | 30      | 22          | 0.733               | 59        | 41          | 0.695               | 2661     | 1411        | 0.530               |
| 1   | 5105    | 7647   | 198606 | <a href="#">Sandra Maria Barbalho</a>                   |  Brazil   | <a href="#">Universidade de Marília UNIMAR</a>                  | <a href="#">Medical and Health Sciences / Medical Biochemistry</a><br>Interdisciplinaridade entre doenças crônico degenerativas   alimentos funcionais e plantas medicinais | 30      | 26          | 0.867               | 68        | 61          | 0.897               | 2658     | 2043        | 0.769               |
| 207   | 5106    | 7648   | 198640 | <a href="#">Telmo Strohaecker</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Engineering</a><br>engenharia metalúrgica  | 30      | 18          | 0.600               | 68        | 38          | 0.559               | 2651     | 1141        | 0.430               |
| 2   | 5107    | 7649   | 198646 | <a href="#">Alex Sandro Rolland Souza</a>               |  Brazil   | <a href="#">Universidade Católica de Pernambuco</a>             | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Obstetria  | 30      | 20          | 0.667               | 61        | 44          | 0.721               | 2650     | 1465        | 0.553               |
| 93  | 5108    | 7650   | 198649 | <a href="#">Jwb Braga</a>                               |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Quimiometria   Química   Farmácia   Forense   Ambiental   | 30      | 24          | 0.800               | 51        | 40          | 0.784               | 2649     | 1421        | 0.536               |
| 94  | 5109    | 7652   | 198696 | <a href="#">Ana Teresa Lombardi</a>                     |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental chemistry   algal physiology   trace metals   photosynthesis        | 30      | 20          | 0.667               | 65        | 40          | 0.615               | 2638     | 1210        | 0.459               |
| 13  | 5110    | 7653   | 198703 | <a href="#">Denise Falcke</a>                           |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | família   casal   violência   terapia de família  | 30      | 21          | 0.700               | 68        | 49          | 0.721               | 2635     | 1403        | 0.532               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 374   | 5111    | 7654   | 198710 | <a href="#">Guilherme Elias Pessanha Henriques</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese Dental   Materiais Odontológicos  | 30      | 16          | 0.533               | 45        | 30          | 0.667               | 2635     | 754         | 0.286               |
| 215   | 5112    | 7657   | 198726 | <a href="#">Maria Esperanza Cortés</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   antibiotic   bone regeneration  | 30      | 20          | 0.667               | 61        | 43          | 0.705               | 2630     | 1229        | 0.467               |
| 9   | 5113    | 7660   | 198774 | <a href="#">Debora Aparecida Pires De Campos Zuccari</a> |  Brazil   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>       | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Pesquisa básica   oncologia   bioquímica   veterinária  | 30      | 24          | 0.800               | 59        | 50          | 0.847               | 2618     | 1758        | 0.672               |
| 28  | 5114    | 7661   | 198775 | <a href="#">Neide Silva</a>                              |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 30      | 19          | 0.633               | 57        | 41          | 0.719               | 2618     | 1120        | 0.428               |
| 1423  | 5115    | 7662   | 198824 | <a href="#">Leandro Tavares Lucato</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Radiology</a><br>Neuroradiology   Pediatric Neuroradiology   | 30      | 19          | 0.633               | 57        | 41          | 0.719               | 2606     | 1274        | 0.489               |
| 208   | 5116    | 7663   | 198833 | <a href="#">Julian Geshev</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>Magnetism and magnetic materials   | 30      | 15          | 0.500               | 66        | 29          | 0.439               | 2603     | 988         | 0.380               |
| 135   | 5117    | 7664   | 198834 | <a href="#">Nilson Zanchin</a>                           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Instituto Carlos Chagas, FIOCRUZ (Fundação Instituto Oswaldo Cruz)</a><br>protein expression function and structure   protein engineering   gene expression   RNA metabolism   translational control | 30      | 18          | 0.600               | 63        | 32          | 0.508               | 2603     | 983         | 0.378               |
| 46  | 5118    | 7665   | 198854 | <a href="#">Leder Xavier</a>                             |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   Histologia   Análise de imagens  | 30      | 17          | 0.567               | 57        | 37          | 0.649               | 2597     | 1026        | 0.395               |
| 375   | 5119    | 7666   | 198859 | <a href="#">Renato Passini</a>                           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">TocoginecologiMédicasUniversida&amp;e</a><br>Saúde reprodutiva   obstetrícia   prematuridade   | 30      | 20          | 0.667               | 61        | 36          | 0.590               | 2595     | 1276        | 0.492               |
| 9   | 5120    | 7668   | 198884 | <a href="#">Sérgio Augusto Morais Carbonell</a>          |  Brazil | <a href="#">Instituto Agronômico</a>  | <a href="#">IAC-Cegrafi</a><br>Melhoramento de Plantas   | 30      | 18          | 0.600               | 70        | 41          | 0.586               | 2589     | 1125        | 0.435               |
| 90  | 5121    | 7669   | 198890 | <a href="#">Haroldo Paula</a>                            |  Brazil | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanotecnologia   química de biopolímeros   | 30      | 24          | 0.800               | 47        | 40          | 0.851               | 2588     | 1606        | 0.621               |
| 24  | 5122    | 7670   | 198903 | <a href="#">Guilherme Lerch Lunardi</a>                  |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                     | <a href="#">Business &amp; Management / Business Administration</a><br>Green IT   IT adoption   IT governance   Business Administration   Business & Management  | 30      | 21          | 0.700               | 56        | 35          | 0.625               | 2583     | 1323        | 0.512               |
| 116   | 5123    | 7671   | 198909 | <a href="#">Natália Martins Dias</a>                     |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | Neuropsicologia cognitiva   avaliação neuropsicológica   intervenção   | 30      | 25          | 0.833               | 68        | 52          | 0.765               | 2581     | 1685        | 0.653               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1424  | 5124    | 7673   | 198928 | <a href="#">Luiz Antonio Salata</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Implantology   Oral Surgery   Bone Grafts                                | 30      | 17          | 0.567               | 52        | 31          | 0.596               | 2576     | 847         | 0.329               |
| 1425  | 5125    | 7674   | 198930 | <a href="#">Marlene Sofia Arcifa</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Ribeirão Preto SP</a><br>Plankton ecology   fish ecology   interactions   | 30      | 12          | 0.400               | 61        | 21          | 0.344               | 2575     | 596         | 0.231               |
| 4   | 5126    | 7675   | 198932 | <a href="#">Andre Luis Duarte Goneli</a>      |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>                     | Secagem e armazenagem de produtos agrícolas   | 30      | 21          | 0.700               | 56        | 40          | 0.714               | 2575     | 1356        | 0.527               |
| 318   | 5127    | 7677   | 198953 | <a href="#">Sônia Regina Panzarini</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Clínica Integrada  | 30      | 16          | 0.533               | 57        | 34          | 0.596               | 2567     | 1012        | 0.394               |
| 81  | 5128    | 7678   | 198973 | <a href="#">Marcio Vidotti</a>                |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   materiais   eletroquímica   espectroscopia   interfaces           | 30      | 20          | 0.667               | 56        | 46          | 0.821               | 2561     | 1306        | 0.510               |
| 6   | 5129    | 7679   | 198975 | <a href="#">Murilo Sander De Abreu</a>        |  Brazil   | <a href="#">Universidade de Passo Fundo</a>                                      |   | 30      | 28          | 0.933               | 72        | 71          | 0.986               | 2560     | 2287        | 0.893               |
| 94  | 5130    | 7681   | 199025 | <a href="#">Sheila Giardini Murta</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">Social Sciences / Psychology</a><br>Prevenção e promoção em saúde mental  | 30      | 20          | 0.667               | 44        | 36          | 0.818               | 2548     | 1105        | 0.434               |
| 17  | 5131    | 7682   | 199060 | <a href="#">Rodrigo Della Mía Plentz</a>      |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Cardiologia   Gestão   Inovação                       | 30      | 22          | 0.733               | 69        | 47          | 0.681               | 2537     | 1527        | 0.602               |
| 6   | 5132    | 7683   | 199061 | <a href="#">Rodrigo Cassio Sola Veneziani</a> |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                                   | <a href="#">FrancUNIFRAN</a><br>Natural products   HPLC methods validation   diterpenes   biological assays                         | 30      | 22          | 0.733               | 66        | 59          | 0.894               | 2537     | 1546        | 0.609               |
| 58  | 5133    | 7685   | 199103 | <a href="#">Oscar Ed Rodrigues</a>            |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Nanotecnologia   Química de compostos organocalcogênicos | 30      | 17          | 0.567               | 65        | 44          | 0.677               | 2527     | 1073        | 0.425               |
| 45  | 5134    | 7686   | 199143 | <a href="#">Rosana Mazzoni</a>                |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de Peixes   | 30      | 15          | 0.500               | 71        | 29          | 0.408               | 2514     | 840         | 0.334               |
| 95  | 5135    | 7687   | 199150 | <a href="#">Timothy John Brocksom</a>         |  Brazil  | <a href="#">Universidade Federal de São Carlos</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Synthesis   | 30      | 16          | 0.533               | 70        | 29          | 0.414               | 2512     | 1068        | 0.425               |
| 1426  | 5136    | 7688   | 199153 | <a href="#">Alberto Martínez Torres</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Hadron Physics  | 30      | 19          | 0.633               | 50        | 37          | 0.740               | 2512     | 992         | 0.395               |
| 4   | 5137    | 7690   | 199167 | <a href="#">Mateus Borba Cardoso</a>          |  Brazil | <a href="#">Laboratorio Nacional de Luz Síncrotron</a>                           | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanoscience and Nanomedicine                       | 30      | 22          | 0.733               | 63        | 49          | 0.778               | 2507     | 1531        | 0.611               |
| 25  | 5138    | 7691   | 199169 | <a href="#">Eliana Badiale Furlong</a>        |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>ciência de alimentos   micotoxinas                   | 30      | 21          | 0.700               | 60        | 41          | 0.683               | 2506     | 1348        | 0.538               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 136   | 5139    | 7692   | 199173 | <a href="#">Roberta Lima Caldeira</a>                      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Oswaldo Cruz Foundation</a><br>Parasitology   | 30      | 15          | 0.500               | 58        | 25          | 0.431               | 2505     | 979         | 0.391               |
| 117   | 5140    | 7693   | 199199 | <a href="#">Rosely Aparecida Peralta</a>                   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Bioinorganic Chemistry  | 30      | 19          | 0.633               | 52        | 41          | 0.788               | 2497     | 1335        | 0.535               |
| 42  | 5141    | 7694   | 199206 | <a href="#">Celso Feitosa Martins</a>                      |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da conservação   Ecologia de abelhas   Apoidea                            | 30      | 17          | 0.567               | 53        | 29          | 0.547               | 2495     | 876         | 0.351               |
| 1427  | 5142    | 7696   | 199236 | <a href="#">Augusto Av Flores</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Ecology   Crustacean Biology                       | 30      | 22          | 0.733               | 62        | 45          | 0.726               | 2482     | 1566        | 0.631               |
| 319   | 5143    | 7697   | 199261 | <a href="#">Daniel Breseghello Zoccal</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology  | 30      | 20          | 0.667               | 47        | 44          | 0.936               | 2474     | 1196        | 0.483               |
| 1428  | 5144    | 7698   | 199293 | <a href="#">Tania Mary Cestari</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biologia óssea   Biomateriais osseo substitutos   Engenharia de tecidos          | 30      | 16          | 0.533               | 69        | 31          | 0.449               | 2464     | 859         | 0.349               |
| 1429  | 5145    | 7699   | 199305 | <a href="#">Cássio Do Nascimento</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Biomateriais   Biofilme   Diagnóstico Molecular | 30      | 19          | 0.633               | 59        | 37          | 0.627               | 2462     | 1204        | 0.489               |
| 1430  | 5146    | 7703   | 199342 | <a href="#">Silvia Regina Dowgan Tesseroli De Siqueira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicofísica   matemática   estudo da dor   filosofia e existência                           | 30      | 20          | 0.667               | 55        | 39          | 0.709               | 2451     | 1114        | 0.455               |
| 211   | 5147    | 7704   | 199349 | <a href="#">Helena A Kehrig</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>meio ambiente   | 30      | 18          | 0.600               | 48        | 31          | 0.646               | 2448     | 877         | 0.358               |
| 96  | 5148    | 7706   | 199362 | <a href="#">Armando Augusto Henriques Vieira</a>           |  Brazil  | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">SÃO Carlos</a><br>Ficologia   | 30      | 16          | 0.533               | 65        | 25          | 0.385               | 2444     | 846         | 0.346               |
| 1431  | 5149    | 7707   | 199368 | <a href="#">Marcelo De Franco</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunogenética   | 30      | 16          | 0.533               | 73        | 32          | 0.438               | 2443     | 838         | 0.343               |
| 45  | 5150    | 7709   | 199390 | <a href="#">Levi Carina Terribile</a>                      |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Macroecologia  | 30      | 22          | 0.733               | 50        | 43          | 0.860               | 2434     | 1357        | 0.558               |
| 118   | 5151    | 7710   | 199409 | <a href="#">Bruno Carciofi</a>                             |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">EQAEngenhariQuímicaeEngenhariAlimentosUFSC&amp;#226</a>   | 30      | 25          | 0.833               | 60        | 51          | 0.850               | 2428     | 1965        | 0.809               |
| 320   | 5152    | 7711   | 199414 | <a href="#">Alexandra Ivo De Medeiros</a>                  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Infecções Pulmonares   Th17   Imunidade Inata                      | 30      | 21          | 0.700               | 51        | 37          | 0.725               | 2426     | 1050        | 0.433               |
| 2   | 5153    | 7712   | 199429 | <a href="#">Andre Luiz Dos Reis Barbosa</a>                |  Brazil | <a href="#">Universidade Federal do Piau</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Medicine                             | 30      | 26          | 0.867               | 56        | 51          | 0.911               | 2421     | 1675        | 0.692               |









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| 119   | 5154    | 7713   | 199439 | <a href="#">Aderbal Aguiar</a>                      |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Biology of exercise   | 30      | 24          | 0.800               | 44        | 39          | 0.886               | 2418     | 1318        | 0.545               |
| 376   | 5155    | 7714   | 199442 | <a href="#">Rodney Alexandre Ferreira Rodrigues</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">ProductsCampinas</a><br>Natural Products   | 30      | 21          | 0.700               | 59        | 43          | 0.729               | 2417     | 1382        | 0.572               |
| 127   | 5156    | 7715   | 199454 | <a href="#">Gilles Landman</a>                      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology   Dermatopathology   Melanocytic lesions   Oncopathology   Molecular Pathology                  | 30      | 17          | 0.567               | 51        | 28          | 0.549               | 2410     | 805         | 0.334               |
| 74  | 5157    | 7716   | 199465 | <a href="#">Maria Helena Sarragiotto</a>            |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Química de Produtos Naturais   Síntese Organica   Química Medicinal                       | 30      | 18          | 0.600               | 67        | 43          | 0.642               | 2402     | 1159        | 0.483               |
| 128   | 5158    | 7717   | 199478 | <a href="#">Elizabeth Suchi Chen</a>                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Human genetics   Epigenetics  | 30      | 22          | 0.733               | 68        | 52          | 0.765               | 2397     | 1238        | 0.516               |
| 321   | 5159    | 7718   | 199482 | <a href="#">Rejane Maira Góes</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia da Reprodução   Espermatogênese   Biologia da Próstata                               | 30      | 16          | 0.533               | 81        | 42          | 0.519               | 2396     | 1056        | 0.441               |
| 1432  | 5160    | 7719   | 199515 | <a href="#">Fernanda Canduri</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Bioquímica e Biologia Molecular  | 30      | 14          | 0.467               | 49        | 24          | 0.490               | 2384     | 664         | 0.279               |
| 1433  | 5161    | 7721   | 199546 | <a href="#">Iouri Evgenievitch Borissevitch</a>     |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">São PauloBrazil</a><br>Organic Photosensitizer excited states   Aggregation   Interaction with nano-organized systems   Photochemotherapy                | 30      | 16          | 0.533               | 52        | 30          | 0.577               | 2371     | 709         | 0.299               |
| 1434  | 5162    | 7722   | 199551 | <a href="#">Marisa Passarelli</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Transporte reverso de colesterol   aterosclerose   diabetes mellitus   glicação avançada   exercício físico | 30      | 18          | 0.600               | 56        | 44          | 0.786               | 2369     | 996         | 0.420               |
| 95  | 5163    | 7723   | 199554 | <a href="#">Leonardo Giordano Paterno</a>           |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Physical-Chemistry   Chemistry of Interfaces   Solid State Chemistry                             | 30      | 18          | 0.600               | 58        | 33          | 0.569               | 2368     | 1062        | 0.448               |
| 216   | 5164    | 7724   | 199559 | <a href="#">Zenilda De Lourdes Cardeal</a>          |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Análise de traços   Meio Ambiente   Toxicologia   Alimentos  | 30      | 21          | 0.700               | 60        | 38          | 0.633               | 2364     | 1068        | 0.452               |
| 1435  | 5165    | 7725   | 199567 | <a href="#">Helenice Mercier</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>fisiologia vegetal   bioquímica vegetal   botânica  | 30      | 17          | 0.567               | 66        | 33          | 0.500               | 2358     | 828         | 0.351               |
| 212   | 5166    | 7729   | 199633 | <a href="#">Ronaldo Mohana Borges</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   | 30      | 21          | 0.700               | 49        | 35          | 0.714               | 2316     | 1177        | 0.508               |
| 212   | 5166    | 7729   | 199633 | <a href="#">Ronaldo Da Silva M Borges</a>           |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 |  | 30      | 21          | 0.700               | 49        | 35          | 0.714               | 2316     | 1177        | 0.508               |





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| 34  | 5168    | 7731   | 199694 | <a href="#">Adrian Antonio Garda</a>           | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>             | <a href="#">UniversiRioGrandeNorte</a><br>Natural History   Ecology   Phylogeography   Herpetofauna   | 30      | 21          | 0.700               | 73        | 49          | 0.671               | 2263     | 1350        | 0.597               |
| 10  | 5169    | 7732   | 199753 | <a href="#">Samuel L Oliveira</a>              | <br>Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>              | <a href="#">Natural Sciences / Physics</a><br>Optical spectroscopy   Materials science   Energy & Fuels   Physics   Biophotonics  | 30      | 17          | 0.567               | 57        | 32          | 0.561               | 2211     | 970         | 0.439               |
| 209   | 5170    | 7733   | 199790 | <a href="#">Marcia Gallas</a>                  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Physics</a><br>nanomaterials   ceramics   carbon nanotubes   high pressure   | 30      | 15          | 0.500               | 49        | 23          | 0.469               | 2155     | 769         | 0.357               |
| 210   | 5171    | 7735   | 199802 | <a href="#">Francisco Montagner</a>            | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontics   Dental trauma   Microbiology   Pharmacology  | 30      | 22          | 0.733               | 49        | 42          | 0.857               | 2148     | 1203        | 0.560               |
| 21  | 5172    | 7736   | 199851 | <a href="#">Kátia Valevski Sales Fernandes</a> | <br>Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Vegetal  | 30      | 14          | 0.467               | 59        | 28          | 0.475               | 2053     | 648         | 0.316               |
| 50  | 5173    | 7737   | 199866 | <a href="#">Roberto Paes De Carvalho</a>       | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                         | <a href="#">University</a><br>Neurochemistry  | 30      | 15          | 0.500               | 52        | 28          | 0.538               | 1986     | 756         | 0.381               |
| 62  | 5174    | 7738   | 199925 | <a href="#">Andre Rodrigues Duraes</a>         | <br>Brazil   | <a href="#">Universidade Federal da Bahia</a>                           | <a href="#">HospitalGeralRobertoSantosPPGMSUF BainUFBEBMSP</a><br>Heart failure   Critical Care   Cardiology   Internal Medicine  | 29      | 29          | 1.000               | 46        | 40          | 0.870               | 27075    | 26788       | 0.989               |
| 97  | 5175    | 7740   | 199979 | <a href="#">Luis Eduardo Corrêa Antunes</a>    | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Researcher</a><br>Fruticulture  | 29      | 18          | 0.621               | 112       | 54          | 0.482               | 17434    | 1700        | 0.098               |
| 59  | 5176    | 7741   | 199991 | <a href="#">Dilson A Bisognin</a>              | <br>Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Breeding   Asexual Propagation   Quantitative Genetics   Disease Resistance   Molecular Markers       | 29      | 15          | 0.517               | 89        | 32          | 0.360               | 16698    | 1241        | 0.074               |
| 1436  | 5177    | 7742   | 200023 | <a href="#">Antonio Carlos Borin</a>           | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>computational quantum chemistry   photophysics of modified nucleobases  | 29      | 14          | 0.483               | 58        | 26          | 0.448               | 14817    | 10736       | 0.725               |
| 1437  | 5178    | 7743   | 200028 | <a href="#">Ricardo Roberto Da Silva</a>       | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Bioinformatics Data Science Data Integration metabolomics metagenomics </a><br>Bioinformatics   Data Science   Data Integration   metabolomics   metagenomics | 29      | 28          | 0.966               | 40        | 39          | 0.975               | 14465    | 14049       | 0.971               |
| 217   | 5179    | 7744   | 200170 | <a href="#">Lucas Guimarães Abreu</a>          | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology  | 29      | 28          | 0.966               | 74        | 73          | 0.986               | 10352    | 10181       | 0.983               |
| 214   | 5180    | 7747   | 200295 | <a href="#">Maurice Vincent</a>                | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Medical and Health Sciences / Neurology</a><br>headache   migraine   hemicrania   neuralgia   pain  | 29      | 18          | 0.621               | 58        | 24          | 0.414               | 8949     | 4073        | 0.455               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1438  | 5181    | 7748   | 200328 | <a href="#">Diego Mauricio Riaño Pachón</a><br><a href="#">Diego Mauricio Riano-Pachon</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>computational biology   gene regulatory networks   bioinformatics   genomics   genome annotation | 29      | 26          | 0.897               | 51        | 45          | 0.882               | 8648     | 3898        | 0.451               |
| 19  | 5182    | 7749   | 200354 | <a href="#">André Portela Souza</a>  | <br>Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Labor economics   Development Economics   Applied Econometrics   | 29      | 19          | 0.655               | 77        | 36          | 0.468               | 8367     | 5624        | 0.672               |
| 33  | 5183    | 7756   | 200753 | <a href="#">Everardo Rocha</a>   | <br>Brazil   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Social Sciences / Anthropology</a><br>Antropologia do Consumo   Comunicação   Consumo   Publicidade  | 29      | 19          | 0.655               | 54        | 28          | 0.519               | 6557     | 1898        | 0.289               |
| 211   | 5184    | 7757   | 200779 | <a href="#">Alejandro G Frank</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Technology Management   Operations Management   Industrial Innovation        | 29      | 27          | 0.931               | 43        | 40          | 0.930               | 6452     | 6136        | 0.951               |
| 98  | 5185    | 7759   | 200835 | <a href="#">Marco Antonio Gomes</a>  | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Pesquisador Pedologia Embrapa</a><br>Solos e Recursos Hídricos Subterrâneos  | 29      | 19          | 0.655               | 59        | 30          | 0.508               | 6319     | 3716        | 0.588               |
| 1439  | 5186    | 7762   | 201057 | <a href="#">Jose Marcio Neves Jorge</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">da Medicina</a><br>Coloproctologia   Fisiologia Anorretal   Incontinência Anal   Constipação Intestinal  | 29      | 13          | 0.448               | 38        | 18          | 0.474               | 5835     | 1415        | 0.243               |
| 218   | 5187    | 7764   | 201138 | <a href="#">Carlos Alberto Ávila Araújo</a>  | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">ciência da informação</a><br>ciência da informação   biblioteconomia   arquivologia   museologia   information science                                     | 29      | 22          | 0.759               | 69        | 44          | 0.638               | 5700     | 2922        | 0.513               |
| 212   | 5188    | 7766   | 201183 | <a href="#">Stela Rates</a>  | <br>Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Farmácia</a><br>Neuropsicofarmacologia   Farmacognosia   Bioética   Fitomedicamentos   Plantas Medicinais  | 29      | 18          | 0.621               | 75        | 36          | 0.480               | 5612     | 1803        | 0.321               |
| 215   | 5189    | 7767   | 201247 | <a href="#">Humberto Miranda</a>   | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Riojaneiro</a><br>Resistance training  | 29      | 21          | 0.724               | 70        | 50          | 0.714               | 5544     | 2658        | 0.479               |
| 47  | 5190    | 7768   | 201258 | <a href="#">Ana Elizabeth Figueiredo</a>   | <br>Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">em Nutrição e Fisioterapia</a><br>Diálise Peritoneal   Doença renal crônica   enfermagem   | 29      | 21          | 0.724               | 59        | 41          | 0.695               | 5531     | 2980        | 0.539               |
| 1440  | 5191    | 7769   | 201293 | <a href="#">Jose Afonso Mazzon</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Economics &amp; Econometrics / Economics</a><br>Marketing  | 29      | 23          | 0.793               | 63        | 38          | 0.603               | 5485     | 2203        | 0.402               |
| 219   | 5192    | 7770   | 201296 | <a href="#">Alan Lane De Melo</a>  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Schistosoma   Helmintos   Heterópteros aquáticos Aquatic bugs   Parasites   Trematoda                    | 29      | 17          | 0.586               | 115       | 47          | 0.409               | 5481     | 1927        | 0.352               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 129   | 5193    | 7771   | 201326 | <a href="#">Adenauer Girardi Casali</a>              |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signal Processing   Neural Engineering   Neural Modeling   Physical Basis of Consciousness and Cognition   | 29      | 25          | 0.862               | 38        | 36          | 0.947               | 5435     | 3302        | 0.608               |
| 1441  | 5194    | 7774   | 201370 | <a href="#">Jl Lage Marques</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Endodontics   Laser   Odontologia  | 29      | 18          | 0.621               | 57        | 26          | 0.456               | 5387     | 3335        | 0.619               |
| 377   | 5195    | 7776   | 201460 | <a href="#">Tais Freire Galvao</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | Health Technology Assessment   Epidemiology   Evidence-based Healthcare  | 29      | 25          | 0.862               | 63        | 60          | 0.952               | 5275     | 4312        | 0.817               |
| 63  | 5196    | 7777   | 201496 | <a href="#">Domingos Cardoso</a>                     |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              | phylogenetics   floral evolution   biogeography   taxonomy   biodiversity  | 29      | 23          | 0.793               | 56        | 45          | 0.804               | 5232     | 3746        | 0.716               |
| 10  | 5197    | 7778   | 201509 | <a href="#">Eduardo Nakamura</a>                     |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Fusion   Information Fusion   Social Network Analytics   Mobile and Pervasive Computing   Mobile   | 29      | 17          | 0.586               | 72        | 37          | 0.514               | 5216     | 1580        | 0.303               |
| 322   | 5198    | 7781   | 201565 | <a href="#">Antonio Fernando Branco Costa</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | quality control  | 29      | 20          | 0.690               | 68        | 39          | 0.574               | 5151     | 2095        | 0.407               |
| 137   | 5199    | 7783   | 201639 | <a href="#">Maria Da Conceição Chagas De Almeida</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Pesquisadora do Centro de Pesquisa Gonçalo Moniz</a>   | 29      | 24          | 0.828               | 68        | 47          | 0.691               | 5074     | 2733        | 0.539               |
| 15  | 5200    | 7786   | 201658 | <a href="#">Denis Alcides Rezende</a>                |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>           | <a href="#">CidDigital Estratégica Smart City Estratégias e InformaÃ&amp;#oacute;s M&amp;#uacute;nicipais Tecnologia da InformaÃ&amp;#oacute;s Gest&amp;#oacute; Municipal</a><br>Cidade Digital Estratégica   Smart City   Estratégias e Informações Municipais   Tecnologia da Informação   Gestão Municipal | 29      | 18          | 0.621               | 64        | 36          | 0.563               | 5051     | 1483        | 0.294               |
| 378   | 5201    | 7787   | 201669 | <a href="#">Mariana Simões Ferreira</a>              |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Pediatria   Pneumologia   Obesidade Infantil   Função Pulmonar   | 29      | 23          | 0.793               | 79        | 60          | 0.759               | 5043     | 2515        | 0.499               |
| 34  | 5202    | 7788   | 201736 | <a href="#">Jean Pierre Von Der Weid</a>             |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Pontifical Catholicof Rio Janeiro</a><br>Optical communications   fiber optics   quantum optics   Instrumentation   non destructive evaluation   | 29      | 19          | 0.655               | 91        | 31          | 0.341               | 4972     | 1475        | 0.297               |
| 99  | 5203    | 7789   | 201752 | <a href="#">Alexandre Rodrigues Caetano</a>          |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Animal   Genômica   Melhoramento Animal  | 29      | 20          | 0.690               | 65        | 37          | 0.569               | 4958     | 1719        | 0.347               |
| 323   | 5204    | 7790   | 201756 | <a href="#">Vicente Pleitez</a>                      |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Physics</a><br>high energy physics   elementary particles physics   | 29      | 16          | 0.552               | 63        | 24          | 0.381               | 4950     | 1116        | 0.225               |









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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 220   | 5205    | 7792   | 201763 | <a href="#">José Marcos Nogueira</a>         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Wireless Sensor Networks   Wireless and Mobile Networks   Network Management   IoT   Opportunistic and DTN Networks                                    | 29      | 15          | 0.517               | 70        | 21          | 0.300               | 4941     | 1052        | 0.213               |
| 7   | 5206    | 7793   | 201801 | <a href="#">Raquel Alves Dos Santos</a>      |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                  | <a href="#">Franca</a><br>Mutagenesis   DNA Repair   Cell Death   Cell Cycle  | 29      | 22          | 0.759               | 114       | 62          | 0.544               | 4905     | 2625        | 0.535               |
| 1442  | 5207    | 7795   | 201849 | <a href="#">Ivone Carvalho</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal Chemistry   | 29      | 20          | 0.690               | 59        | 42          | 0.712               | 4871     | 2091        | 0.429               |
| 216   | 5208    | 7796   | 201868 | <a href="#">Mario Alberto Silva Neto</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Sinalização Celular   Entomologia Molecular  | 29      | 18          | 0.621               | 85        | 38          | 0.447               | 4851     | 2604        | 0.537               |
| 82  | 5209    | 7797   | 201941 | <a href="#">Gabriel Melo</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Natural Sciences / Biological Science</a>   | 29      | 22          | 0.759               | 91        | 48          | 0.527               | 4788     | 1974        | 0.412               |
| 221   | 5210    | 7799   | 201993 | <a href="#">Ana Paula Paes De Paula</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">UFMG</a><br>Gestão   Estudos Organizacionais   Psicanálise  | 29      | 18          | 0.621               | 71        | 39          | 0.549               | 4752     | 1929        | 0.406               |
| 217   | 5211    | 7800   | 202080 | <a href="#">Eduardo AB Da Silva</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Engineering</a><br>Processamento Digital de Imagens   Processamento Digital de Sinais   Compressão de Imagens e Vídeo   Compressão de Sinais                                   | 29      | 18          | 0.621               | 95        | 44          | 0.463               | 4683     | 2050        | 0.438               |
| 1443  | 5212    | 7801   | 202085 | <a href="#">César Augusto De Assis Silva</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   Antropologia da Religião   Psicanálise   Surdez   Língua Brasileira de Sinais  | 29      | 19          | 0.655               | 95        | 41          | 0.432               | 4680     | 2143        | 0.458               |
| 379   | 5213    | 7802   | 202116 | <a href="#">Edmundo Madeira</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Redes de Computadores   Sistemas Distribuídos   Gerência de Redes  | 29      | 22          | 0.759               | 104       | 45          | 0.433               | 4658     | 2211        | 0.475               |
| 213   | 5214    | 7803   | 202129 | <a href="#">Silvana Vilodre Goellner</a>     |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Education / Education</a><br>Estudos Feministas   História do Esporte   Mulher e Esporte  | 29      | 19          | 0.655               | 84        | 40          | 0.476               | 4645     | 2081        | 0.448               |
| 1444  | 5215    | 7804   | 202188 | <a href="#">Betzabeth Slater</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição   saúde   epidemiologia   | 29      | 20          | 0.690               | 54        | 34          | 0.630               | 4607     | 1273        | 0.276               |
| 44  | 5216    | 7805   | 202222 | <a href="#">Fernando Fernandes</a>           |  Brazil | <a href="#">Universidade Estadual de Londrina</a>               | Saneamento   Meio Ambiente  | 29      | 16          | 0.552               | 89        | 32          | 0.360               | 4584     | 1793        | 0.391               |
| 1445  | 5217    | 7808   | 202267 | <a href="#">Ayrton Massaro</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia   | 29      | 19          | 0.655               | 61        | 35          | 0.574               | 4550     | 1421        | 0.312               |
| 1446  | 5218    | 7809   | 202271 | <a href="#">Jose Antonio Sanches Junior</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Medicine   dermatology   cutaneous oncology   cutaneous lymphomas   paraneoplasias   | 29      | 21          | 0.724               | 76        | 44          | 0.579               | 4548     | 2553        | 0.561               |
| 214   | 5219    | 7810   | 202294 | <a href="#">Ruben George Oliven</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Anthropology</a><br>Transnacionalização   identidades nacionais e regionais   música popular brasileira e norte-americana   significados simbólicos do dinheiro   renascimento de tradições | 29      | 15          | 0.517               | 58        | 22          | 0.379               | 4528     | 1013        | 0.224               |

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| 380   | 5220    | 7811   | 202302 | <a href="#">Silvia Hunold Lara</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">History, Philosophy, Theology / History</a><br>História da Escravidão   História do Brasil Colonial   Teoria da História   História do Direito                          | 29      | 17          | 0.586               | 74        | 34          | 0.459               | 4522     | 1476        | 0.326               |
| 14  | 5221    | 7814   | 202342 | <a href="#">Cristiano André Da Costa</a>        |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Ubiquitous Computing   Mobile Computing   Internet of Things   Distributed Systems   Medical Informatics         | 29      | 27          | 0.931               | 74        | 54          | 0.730               | 4497     | 3576        | 0.795               |
| 1447  | 5222    | 7815   | 202357 | <a href="#">Rosa Maria Fischer</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">FEA/USP</a><br>Empreendedorismo Social  | 29      | 14          | 0.483               | 55        | 21          | 0.382               | 4488     | 844         | 0.188               |
| 1448  | 5223    | 7816   | 202383 | <a href="#">Ana Maria Lottenberg</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition  | 29      | 19          | 0.655               | 45        | 34          | 0.756               | 4474     | 2387        | 0.534               |
| 5   | 5224    | 7817   | 202387 | <a href="#">Antonio Carlos Zamboni De Souza</a> |  Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>engenharia elétrica   sistemas de potência   voltage stability                            | 29      | 20          | 0.690               | 78        | 47          | 0.603               | 4470     | 1752        | 0.392               |
| 381   | 5225    | 7819   | 202390 | <a href="#">Joseane Morari</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Biological Science</a><br>Sinalização Celular   Expressão Gênica   Fisiologia   Neurociência   | 29      | 20          | 0.690               | 42        | 35          | 0.833               | 4469     | 2012        | 0.450               |
| 138   | 5226    | 7820   | 202391 | <a href="#">Gilberto Hochman</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Researcher Oswaldo Cruz Foundation</a><br>history of public health   historical sociology   global health   health policy   | 29      | 19          | 0.655               | 49        | 33          | 0.673               | 4468     | 1471        | 0.329               |
| 3   | 5227    | 7821   | 202392 | <a href="#">Daniel Cerqueira</a>                |  Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>        | <a href="#">Ipea</a><br>economia do crime   violência   homicídios   políticas de segurança pública   avaliação de impacto  | 29      | 23          | 0.793               | 50        | 39          | 0.780               | 4466     | 3051        | 0.683               |
| 91  | 5228    | 7822   | 202417 | <a href="#">Andrey Chaves</a>                   |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                   | graphene   semiconductor heterostructures   vortex matter in superconductors  | 29      | 21          | 0.724               | 57        | 49          | 0.860               | 4455     | 3416        | 0.767               |
| 218   | 5229    | 7823   | 202487 | <a href="#">Reinaldo Goncalves</a>              |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia Internacional   Economia Política Internacional  | 29      | 14          | 0.483               | 56        | 15          | 0.268               | 4414     | 883         | 0.200               |
| 222   | 5230    | 7824   | 202500 | <a href="#">Adriano Paglia</a>                  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">UFMG</a><br>Mammals   Conservation Biology   Applied Ecology  | 29      | 25          | 0.862               | 66        | 48          | 0.727               | 4407     | 2617        | 0.594               |
| 215   | 5231    | 7825   | 202522 | <a href="#">Sergio Bampi</a>                    |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Informatics Univ.RioGrandeSul</a><br>Integrated Circuits Design   Digital Low Power CMOS Circuits   Architectures and Algorithms for Video/Image Processing   Analog/Mi | 29      | 19          | 0.655               | 138       | 55          | 0.399               | 4394     | 1838        | 0.418               |
| 382   | 5232    | 7826   | 202573 | <a href="#">Hugo Fragnito</a>                   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | Nonlinear Fiber Optics   Optical Communications   Nanophotonics of Graphene & 2D materials  | 29      | 12          | 0.414               | 66        | 17          | 0.258               | 4364     | 706         | 0.162               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 216   | 5233    | 7828   | 202581 | <a href="#">Vigo A</a>                               | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">UFRGSEstatísticPPGEpidemiologia</a>   | 29      | 24          | 0.828               | 48        | 44          | 0.917               | 4361     | 2219        | 0.509               |
| 383   | 5234    | 7829   | 202625 | <a href="#">Antonio Arantes</a>                      | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Social Sciences / Anthropology</a><br>Social anthropology   urban studies   culture and politics   cultural heritage  | 29      | 16          | 0.552               | 51        | 21          | 0.412               | 4339     | 893         | 0.206               |
| 324   | 5235    | 7831   | 202633 | <a href="#">Giuseppina Pace Pereira Lima</a>         | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica e fisiologia vegetal   | 29      | 23          | 0.793               | 102       | 61          | 0.598               | 4336     | 2851        | 0.658               |
| 223   | 5236    | 7832   | 202636 | <a href="#">Alexandre Salino</a>                     | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Sistemática e taxonomia de plantas   | 29      | 18          | 0.621               | 82        | 38          | 0.463               | 4335     | 2524        | 0.582               |
| 1449  | 5237    | 7837   | 202808 | <a href="#">José Gregório Cabrera Gomez</a>          | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   Biotechnology   Metabolic flux analysis   Metabolic engineering  | 29      | 23          | 0.793               | 85        | 49          | 0.576               | 4240     | 1943        | 0.458               |
| 217   | 5238    | 7838   | 202827 | <a href="#">Daniel Umpierre</a>                      | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">RioGrandeSul</a><br>research methods   clinical trial   evidence synthesis   meta-analysis  | 29      | 25          | 0.862               | 49        | 41          | 0.837               | 4234     | 2604        | 0.615               |
| 120   | 5239    | 7842   | 202859 | <a href="#">Richard Demo Souza</a>                   | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Wireless Communications   | 29      | 23          | 0.793               | 105       | 65          | 0.619               | 4215     | 2526        | 0.599               |
| 9   | 5240    | 7843   | 202860 | <a href="#">Eduardo Kruger</a>                       | <br>Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>                                 | <a href="#">UTFPR</a><br>Thermal comfort   passive systems   urban climate  | 29      | 26          | 0.897               | 70        | 46          | 0.657               | 4215     | 2461        | 0.584               |
| 1   | 5241    | 7844   | 202872 | <a href="#">Cláudia Regina Lima Duarte Da Silva</a>  | <br>Brazil | <a href="#">Universidade Regional de Blumenau FURB</a>   | <a href="#">EnfermagemRegionalBlumenau</a><br>Saúde Coletiva   Cuidado em Saúde   Formação em Saúde   Gestão em Saúde   | 29      | 19          | 0.655               | 79        | 54          | 0.684               | 4210     | 1628        | 0.387               |
| 1450  | 5242    | 7846   | 202876 | <a href="#">Tarcisio Eloy Pessoa De Barros Filho</a> | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia e Traumatologia   | 29      | 18          | 0.621               | 65        | 31          | 0.477               | 4209     | 1323        | 0.314               |
| 1451  | 5243    | 7847   | 202905 | <a href="#">Waldomiro De Castro Santos Vergueiro</a> | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Business &amp; Management / Communication</a>   | 29      | 16          | 0.552               | 74        | 32          | 0.432               | 4195     | 1590        | 0.379               |
| 9   | 5244    | 7848   | 202937 | <a href="#">Alberto Luiz Albertin</a>                | <br>Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Fundação Getulio Vargas - Escola de Administração de Empresas de São Paulo ...</a><br>Tecnologia de Informação   Transformação Digital   Negócios na Era Digital   Comércio Eletrônico   Educação | 29      | 16          | 0.552               | 54        | 27          | 0.500               | 4182     | 1222        | 0.292               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 64  | 5245    | 7850   | 202988 | <a href="#">Paola Berenstein Jacques</a>          |  Brazil   | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Arts, Design and Architecture / Urban Planning</a><br>Arquitetura e Urbanismo   Planejamento Urbano   Artes   História   Antropologia                         | 29      | 17          | 0.586               | 52        | 32          | 0.615               | 4160     | 1629        | 0.392               |
| 100   | 5246    | 7851   | 203009 | <a href="#">Mauricio Antonio Coelho Filho</a>     |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Irrigation   Plant physiology   plant water relations   Agrometeorology.         | 29      | 22          | 0.759               | 74        | 48          | 0.649               | 4150     | 1995        | 0.481               |
| 11  | 5247    | 7852   | 203012 | <a href="#">Alessandro Antonio Costa Pereira</a>  |  Brazil   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Geral   Patologia Bucal   Estomatologia   Odontologia  | 29      | 18          | 0.621               | 88        | 41          | 0.466               | 4149     | 1900        | 0.458               |
| 1452  | 5248    | 7853   | 203028 | <a href="#">Maria Celia Jamur</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Mastocitos   Alergia   Processos inflamatórios   | 29      | 18          | 0.621               | 71        | 32          | 0.451               | 4142     | 1735        | 0.419               |
| 16  | 5249    | 7855   | 203046 | <a href="#">Sergio E Gouvea Da Costa</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>                                 | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Operations Management   Operations Strategy   Lean   Energy Management   MCDM/A | 29      | 24          | 0.828               | 59        | 45          | 0.763               | 4134     | 2521        | 0.610               |
| 65  | 5250    | 7856   | 203048 | <a href="#">Luís F Pita Gondim</a>                |  Brazil   | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária   | 29      | 18          | 0.621               | 51        | 33          | 0.647               | 4133     | 1234        | 0.299               |
| 384   | 5251    | 7857   | 203081 | <a href="#">David M Lapola</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">UNICAMP</a><br>global change ecology   land use   Earth system modelling   interdisciplinarity  | 29      | 25          | 0.862               | 45        | 40          | 0.889               | 4118     | 2369        | 0.575               |
| 1453  | 5252    | 7858   | 203087 | <a href="#">Michel Aguena</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Physics</a><br>Cosmology   Galaxy Clusters   | 29      | 29          | 1.000               | 77        | 77          | 1.000               | 4114     | 4091        | 0.994               |
| 46  | 5253    | 7860   | 203117 | <a href="#">Frederic Vandenberghe</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                                    | <a href="#">Social Sciences / Social Sciences</a><br>Social theory - sociological theory - philosophy of human sciences   | 29      | 19          | 0.655               | 59        | 38          | 0.644               | 4101     | 1543        | 0.376               |
| 4   | 5254    | 7862   | 203176 | <a href="#">Vicente De Paula Antunes Teixeira</a> |  Brazil | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>                                   | <a href="#">retiredUFTM</a>   | 29      | 17          | 0.586               | 101       | 35          | 0.347               | 4077     | 1160        | 0.285               |
| 10  | 5255    | 7863   | 203182 | <a href="#">Ana Maria Malik</a>                   |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora da FGV-EAESP</a><br>Administração em Saúde   | 29      | 21          | 0.724               | 54        | 37          | 0.685               | 4075     | 1955        | 0.480               |
| 224   | 5256    | 7864   | 203191 | <a href="#">Frederico De Siqueira Neves</a>       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Insect Ecology   Community Ecology   Tropical Ecology   Plant-Insect Interactions   Canopy Ecology               | 29      | 25          | 0.862               | 75        | 66          | 0.880               | 4072     | 2516        | 0.618               |


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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 218   | 5257    | 7865   | 203203 | <a href="#">Fernando Schnaid</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>civil engineering   geotechnical engineering   environmental  | 29      | 22          | 0.759               | 70        | 39          | 0.557               | 4067     | 1707        | 0.420               |
| 38  | 5258    | 7866   | 203233 | <a href="#">Lourival Marin Mendes</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Ciências de Materiais   biomateriais   materiais lignocelulósicos   nanomateriais                                    | 29      | 21          | 0.724               | 124       | 69          | 0.556               | 4056     | 2208        | 0.544               |
| 47  | 5259    | 7868   | 203258 | <a href="#">Aderval S Luna</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemometrics   Atomic and Molecular Spectroscopy  | 29      | 23          | 0.793               | 69        | 49          | 0.710               | 4044     | 1924        | 0.476               |
| 1454  | 5260    | 7870   | 203270 | <a href="#">Carla Cristina Schmitt Cavalheiro</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Photochemistry and Polymer  | 29      | 19          | 0.655               | 63        | 36          | 0.571               | 4042     | 1315        | 0.325               |
| 225   | 5261    | 7871   | 203282 | <a href="#">Rodrigo Patto Sá Motta</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">History, Philosophy, Theology / History</a><br>História   | 29      | 21          | 0.724               | 47        | 33          | 0.702               | 4037     | 1900        | 0.471               |
| 92  | 5262    | 7872   | 203317 | <a href="#">Regine Vieira</a>                      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>aquatic microbiology  | 29      | 18          | 0.621               | 65        | 31          | 0.477               | 4022     | 1403        | 0.349               |
| 385   | 5263    | 7873   | 203327 | <a href="#">Maria Luiza Silveira Mello</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | Cromatina   Epigenética   FTIR  | 29      | 17          | 0.586               | 110       | 30          | 0.273               | 4019     | 1229        | 0.306               |
| 1455  | 5264    | 7877   | 203388 | <a href="#">Liang Zhao</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine Learning   Complex Networks   Pattern Recognition   Image Processing                                       | 29      | 19          | 0.655               | 96        | 43          | 0.448               | 3994     | 1556        | 0.390               |
| 1456  | 5265    | 7879   | 203413 | <a href="#">Jorge Sotomayor</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Mathematics</a><br>Qualitative Theory of Ordinary Differential Equations   Dynamical Systems   Classical Differential Geometry   History of Mathematic | 29      | 15          | 0.517               | 62        | 19          | 0.306               | 3987     | 908         | 0.228               |
| 386   | 5266    | 7880   | 203415 | <a href="#">José Wm Bassani</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Ca2+ transport   myocardium   regulation   | 29      | 12          | 0.414               | 51        | 17          | 0.333               | 3987     | 803         | 0.201               |
| 1457  | 5267    | 7881   | 203437 | <a href="#">Francisco Oscar De Siqueira França</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Acidentes por Animais Peçonhentos e Doenças Infecciosas na Atenção Primária</a><br>Acidentes por Animais Peçonhentos e Doenças Infecciosas na Atenção Primária            | 29      | 19          | 0.655               | 61        | 38          | 0.623               | 3976     | 1194        | 0.300               |
| 1   | 5268    | 7882   | 203441 | <a href="#">Aleksandra Silva</a>                   |   <a href="#">Brazil</a> | <a href="#">Universidade Federal Rural da Amazônia</a>          | <a href="#">RuralAmazonia</a>   | 29      | 18          | 0.621               | 85        | 37          | 0.435               | 3975     | 1403        | 0.353               |
| 39  | 5269    | 7883   | 203455 | <a href="#">Rafael D Zenni</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Invasion Biology   Conservation  | 29      | 24          | 0.828               | 47        | 43          | 0.915               | 3971     | 2607        | 0.657               |
| 1458  | 5270    | 7886   | 203538 | <a href="#">M Valeria R Velasco</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Cosmetologi</a><br>cosmetologia   | 29      | 21          | 0.724               | 47        | 33          | 0.702               | 3940     | 1921        | 0.488               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 387   | 5271    | 7887   | 203586 | <a href="#">Neucimar J Leite</a>                       | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>image processing   mathematical morphology   computer vision  | 29      | 17          | 0.586               | 58        | 24          | 0.414               | 3926     | 1032        | 0.263               |
| 1459  | 5272    | 7888   | 203591 | <a href="#">Telma Mary Kaneko</a>                      | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSÃOo Paulo</a>  | 29      | 22          | 0.759               | 73        | 41          | 0.562               | 3924     | 1744        | 0.444               |
| 9   | 5273    | 7891   | 203645 | <a href="#">Laurent Gil</a>                            | <br>Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>química  | 29      | 21          | 0.724               | 41        | 29          | 0.707               | 3908     | 1752        | 0.448               |
| 15  | 5274    | 7892   | 203666 | <a href="#">Rodrigo Da Rosa Righi</a>                  | <br>Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>                                 | <a href="#">Unisinos</a><br>Distributed Systems   Internet of Things   Healthcare   Scheduling   High-Performance Computing  | 29      | 27          | 0.931               | 60        | 53          | 0.883               | 3901     | 3565        | 0.914               |
| 1460  | 5275    | 7894   | 203701 | <a href="#">Adilson Jose Da Silva</a>                  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Physics</a><br>Particles and Fields   | 29      | 17          | 0.586               | 123       | 33          | 0.268               | 3888     | 1203        | 0.309               |
| 1461  | 5276    | 7896   | 203719 | <a href="#">José Luiz Catão Dias</a>                   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Laboratory of Willdlife Comparative Pathology   | 29      | 21          | 0.724               | 103       | 79          | 0.767               | 3882     | 2313        | 0.596               |
| 1   | 5277    | 7897   | 203722 | <a href="#">Claudia Maria Fernandes Araujo Ribeiro</a> | <br>Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Rio Grande do Norte IFRN</a> | <a href="#">IFRN</a><br>Middleware   Web Semântica   SOA   | 29      | 24          | 0.828               | 64        | 53          | 0.828               | 3881     | 2604        | 0.671               |
| 93  | 5278    | 7899   | 203754 | <a href="#">André Auto Moreira</a>                     | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Natural Sciences / Physics</a><br>Complex Systems   Statistical Mechanics   Computational Physics  | 29      | 16          | 0.552               | 46        | 25          | 0.543               | 3872     | 1297        | 0.335               |
| 219   | 5279    | 7900   | 203778 | <a href="#">Denise Dal Molin</a>                       | <br>Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Civil engineering   building materials   concrete   durability   sustainability  | 29      | 22          | 0.759               | 67        | 39          | 0.582               | 3864     | 1891        | 0.489               |
| 1462  | 5280    | 7901   | 203785 | <a href="#">Ana CV Krepischi</a>                       | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics and epigenetics   cancer predisposition   genetics of pediatric cancer   intellectual disability   copy number variation | 29      | 22          | 0.759               | 72        | 46          | 0.639               | 3862     | 1568        | 0.406               |
| 1463  | 5281    | 7902   | 203816 | <a href="#">Leda Maria Paulani</a>                     | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia marxista   metodologia da economia   contabilidade social   economia brasileira   | 29      | 20          | 0.690               | 54        | 30          | 0.556               | 3852     | 1537        | 0.399               |
| 325   | 5282    | 7904   | 203836 | <a href="#">Paulo Milton Barbosa Landim</a>            | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                         | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geostatistics   geoestatística   multivariate   multivariada  | 29      | 15          | 0.517               | 65        | 19          | 0.292               | 3847     | 1126        | 0.293               |
| 1464  | 5283    | 7908   | 203916 | <a href="#">Juliana Maldonado Marchetti</a>            | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia / Sistemas de Liberação de Fármacos  | 29      | 23          | 0.793               | 58        | 41          | 0.707               | 3821     | 1747        | 0.457               |
| 139   | 5284    | 7909   | 203954 | <a href="#">Fatima Conceição-Silva</a>                 | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>infectious diseases   immunology   infectious dermatology   immunopathogenesis   in situ inflammation                       | 29      | 18          | 0.621               | 58        | 35          | 0.603               | 3810     | 1373        | 0.360               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 94  | 5285    | 7910   | 203971 | <a href="#">Rodrigo Silveira Vieira</a>             |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                  | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering   | 29      | 25          | 0.862               | 53        | 49          | 0.925               | 3806     | 2078        | 0.546               |
| 101   | 5286    | 7911   | 204015 | <a href="#">Fábio Mercante</a>                      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador da Embrapa Agropecuária Oeste</a><br>Microbiologia do solo  | 29      | 18          | 0.621               | 66        | 38          | 0.576               | 3794     | 1382        | 0.364               |
| 388   | 5287    | 7913   | 204092 | <a href="#">Cecília Amélia De Carvalho Zavaglia</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   bioceramics   rapid prototyping   polymersd   composites | 29      | 18          | 0.621               | 72        | 35          | 0.486               | 3776     | 1499        | 0.397               |
| 1465  | 5288    | 7916   | 204132 | <a href="#">Vera Maria Cury Salemi</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   | 29      | 21          | 0.724               | 82        | 45          | 0.549               | 3763     | 1583        | 0.421               |
| 1   | 5289    | 7919   | 204159 | <a href="#">Flares Baratto Filho</a>                |  Brazil   | <a href="#">Universidade da Região de Joinville - Univille</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   | 29      | 22          | 0.759               | 86        | 52          | 0.605               | 3754     | 1820        | 0.485               |
| 46  | 5290    | 7920   | 204167 | <a href="#">Nildo Viana</a>                         |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>              | <a href="#">Social Sciences / Social Sciences</a><br>Regimes de acumulação   classes sociais   movimentos sociais   autogestão   sociologia                   | 29      | 20          | 0.690               | 90        | 40          | 0.444               | 3751     | 1466        | 0.391               |
| 11  | 5291    | 7922   | 204208 | <a href="#">Maria Goncalves Pereira</a>             |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Produtos naturais   etnofarmacologia   | 29      | 19          | 0.655               | 68        | 43          | 0.632               | 3738     | 1517        | 0.406               |
| 1466  | 5292    | 7923   | 204210 | <a href="#">Milton Groppo</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Systematics   Floristics   Taxonomy   Botany   Botânica  | 29      | 22          | 0.759               | 67        | 48          | 0.716               | 3737     | 2405        | 0.644               |
| 75  | 5293    | 7925   | 204244 | <a href="#">Luiz Roberto Evangelista</a>            |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>               | <a href="#">Natural Sciences / Physics</a><br>Mathematical Physics   Statistical Mechanics  | 29      | 16          | 0.552               | 95        | 33          | 0.347               | 3727     | 1296        | 0.348               |
| 121   | 5294    | 7929   | 204297 | <a href="#">Carlos Galup Montoro</a>                |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | (UFSC)<br>MOSFET   analog circuits  | 29      | 16          | 0.552               | 63        | 29          | 0.460               | 3710     | 1029        | 0.277               |
| 11  | 5295    | 7930   | 204322 | <a href="#">Alessandra Gutierrez De Oliveira</a>    |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>     | <a href="#">Medical and Health Sciences / Parasitology</a><br>entomologia médica   parasitologia  | 29      | 19          | 0.655               | 88        | 52          | 0.591               | 3703     | 1729        | 0.467               |
| 60  | 5296    | 7931   | 204329 | <a href="#">Cassiano Rech</a>                       |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>       | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics   | 29      | 18          | 0.621               | 70        | 39          | 0.557               | 3701     | 1263        | 0.341               |
| 48  | 5297    | 7932   | 204340 | <a href="#">Nadia Nedjah</a>                        |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>  | iNtelligent Systems   | 29      | 18          | 0.621               | 114       | 41          | 0.360               | 3697     | 1420        | 0.384               |
| 219   | 5298    | 7933   | 204347 | <a href="#">Simone Aranha Nouer</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>         |   | 29      | 23          | 0.793               | 57        | 44          | 0.772               | 3695     | 1644        | 0.445               |
| 1467  | 5299    | 7937   | 204459 | <a href="#">Valéria Castilho</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | em<br>gestão de custos em saúde e enfermagem  | 29      | 17          | 0.586               | 78        | 31          | 0.397               | 3668     | 973         | 0.265               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 5300    | 7940   | 204502 | <a href="#">Luis Otavio Caboclo</a>                |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Medical and Health Sciences / Neurology</a><br>epilepsy   electroencephalography   clinical neurophysiology   neurology               | 29      | 19          | 0.655               | 59        | 34          | 0.576               | 3656     | 1522        | 0.416               |
| 76  | 5301    | 7941   | 204519 | <a href="#">Nelson Guilherme Castelli Astrath</a>  |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Physics</a><br>Light-Matter Interaction   Physics at the Nanoscale   Photothermal Sciences                         | 29      | 17          | 0.586               | 85        | 48          | 0.565               | 3651     | 1521        | 0.417               |
| 1468  | 5302    | 7943   | 204528 | <a href="#">Eduardo Moraes Rego Reis</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Cancer   Gene Expression   noncodingRNAs   epigenetics          | 29      | 17          | 0.586               | 41        | 28          | 0.683               | 3651     | 971         | 0.266               |
| 389   | 5303    | 7945   | 204586 | <a href="#">Eduardo Valle</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Machine Learning   Computer Vision   Health   Education | 29      | 26          | 0.897               | 58        | 40          | 0.690               | 3637     | 2502        | 0.688               |
| 11  | 5304    | 7946   | 204587 | <a href="#">Adriana Benetti Marques Valio</a>      |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                   | <a href="#">Natural Sciences / Physics</a><br>Astronomy   | 29      | 18          | 0.621               | 53        | 35          | 0.660               | 3637     | 1644        | 0.452               |
| 9   | 5305    | 7948   | 204655 | <a href="#">Patricia Muniz De Medeiros</a>         |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>                        | Ethnobiology   Biocultural Conservation   Cultural Evolution   Unconventional Food Plants   | 29      | 23          | 0.793               | 53        | 46          | 0.868               | 3618     | 2009        | 0.555               |
| 12  | 5306    | 7950   | 204733 | <a href="#">Paulo Eduardo Teodoro</a>              |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Biometria e Melhoramento Plantas</a><br>Biometria e Melhoramento de Plantas   | 29      | 27          | 0.931               | 115       | 99          | 0.861               | 3598     | 3192        | 0.887               |
| 10  | 5307    | 7951   | 204752 | <a href="#">Simoni Margareti Plentz Meneghetti</a> |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 29      | 20          | 0.690               | 60        | 44          | 0.733               | 3593     | 1315        | 0.366               |
| 25  | 5308    | 7954   | 204769 | <a href="#">Marcelo Antonio Oliveira</a>           |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia   Controle de Qualidade de Medicamentos          | 29      | 20          | 0.690               | 100       | 42          | 0.420               | 3588     | 1543        | 0.430               |
| 12  | 5309    | 7955   | 204770 | <a href="#">Roberto S. Sarthour</a>                |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Centro Brasileiro de Pesquisas Físicas, CBPF</a><br>Quantum Information   | 29      | 19          | 0.655               | 52        | 31          | 0.596               | 3588     | 1780        | 0.496               |
| 1469  | 5310    | 7956   | 204778 | <a href="#">Yara M Carvalho</a>                    |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Educação Física   Filosofia   Saúde Coletiva   Saúde Pública   Artes                                     | 29      | 18          | 0.621               | 53        | 32          | 0.604               | 3585     | 1274        | 0.355               |
| 326   | 5311    | 7957   | 204826 | <a href="#">Marcia Guimarães Da Silva</a>          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">BotucatuMedical()</a><br>Genital tract infection   Immunopathology   Reproduction   | 29      | 19          | 0.655               | 63        | 38          | 0.603               | 3573     | 1186        | 0.332               |
| 1470  | 5312    | 7958   | 204828 | <a href="#">Antonio Mauro Saraiva</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>planetary health   biodiversity Informatics   agricultural automation   precision ag   citizen science      | 29      | 25          | 0.862               | 55        | 37          | 0.673               | 3573     | 2109        | 0.590               |
| 29  | 5313    | 7959   | 204840 | <a href="#">Paulo Vinícius Soares</a>              |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Operative Dentistry   Dental Materials   Tooth Wear   Materials Science   Dentística   | 29      | 26          | 0.897               | 54        | 45          | 0.833               | 3570     | 1905        | 0.534               |
| 1471  | 5314    | 7960   | 204842 | <a href="#">Sílvia Helena Henriques</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Business &amp; Management / Strategic Management</a><br>Administração em enfermagem   recursos humanos em saúde e enfermagem          | 29      | 24          | 0.828               | 70        | 63          | 0.900               | 3569     | 2202        | 0.617               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1472  | 5315    | 7962   | 204864 | <a href="#">Rosa Wanda Diez Garcia</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSão Paulo</a><br>Nutrition  | 29      | 18          | 0.621               | 59        | 32          | 0.542               | 3562     | 1187        | 0.333               |
| 8   | 5316    | 7963   | 204888 | <a href="#">Antonio André Novotny</a>                       |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>           | <a href="#">Laboratório Nacional de Computação Científica</a><br>Topological Derivatives   Topology Optimization   Inverse Problems   Fracture Mechanics   Asymptotic Analysis   | 29      | 20          | 0.690               | 72        | 53          | 0.736               | 3557     | 1633        | 0.459               |
| 26  | 5317    | 7964   | 204895 | <a href="#">Linjie Zhang</a>                                |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                 | <a href="#">Medical and Health Sciences / Pediatric Pulmonology</a><br>Pediatric Pulmonology   Clinical trials   Systematic review and meta-analysis                             | 29      | 21          | 0.724               | 52        | 31          | 0.596               | 3556     | 1471        | 0.414               |
| 22  | 5318    | 7965   | 204898 | <a href="#">Campostrini E</a>                               |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Ecophysiology of Subtropical and Tropical Crops  | 29      | 22          | 0.759               | 73        | 51          | 0.699               | 3555     | 2071        | 0.583               |
| 102   | 5319    | 7966   | 204902 | <a href="#">Janice Reis Ciacci Zanella</a>                  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinaria   Virologia   Zoonose   | 29      | 17          | 0.586               | 53        | 31          | 0.585               | 3555     | 1060        | 0.298               |
| 390   | 5320    | 7968   | 204914 | <a href="#">Peter Sussner</a>                               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Mathematics</a><br>Lattice computing   mathematical morphology   computational intelligence   fuzzy sets and systems   artificial neural networks | 29      | 18          | 0.621               | 65        | 30          | 0.462               | 3552     | 924         | 0.260               |
| 1   | 5321    | 7969   | 204944 | <a href="#">Silvia Cristina Núñez</a>                       |  Brazil   | <a href="#">Universidade Brasil</a>                                     | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Biomédica   Odontologia   laser em aplicações biológicas   terapia fotodinâmica                         | 29      | 22          | 0.759               | 39        | 32          | 0.821               | 3545     | 1720        | 0.485               |
| 327   | 5322    | 7970   | 204947 | <a href="#">Ivan Balducci</a>                               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística.   | 29      | 20          | 0.690               | 60        | 36          | 0.600               | 3544     | 1362        | 0.384               |
| 49  | 5323    | 7972   | 204977 | <a href="#">Rene Rodrigues</a>                              |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>           | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geochemistry   Sequence Stratigraphy   Non Conventional Liquids Resources   Parana Basin   Petroleum Geology... | 29      | 19          | 0.655               | 97        | 40          | 0.412               | 3536     | 1433        | 0.405               |
| 17  | 5324    | 7973   | 204999 | <a href="#">Alceu De Souza Britto Jr</a>                    |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Pattern Recognition   Machine Learning  | 29      | 20          | 0.690               | 76        | 50          | 0.658               | 3530     | 2046        | 0.580               |
| 1473  | 5325    | 7974   | 205004 | <a href="#">Ricardo Ferraz De Oliveira</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia de Plantas sob Estresse   Neurofisiologia Vegetal   | 29      | 18          | 0.621               | 86        | 43          | 0.500               | 3529     | 1400        | 0.397               |
| 30  | 5326    | 7975   | 205006 | <a href="#">Erick P De Oliveira Erick Prado de Oliveira</a> |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                      | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrition   muscle mass   exercise   diet   uric acid   | 29      | 22          | 0.759               | 56        | 48          | 0.857               | 3529     | 2195        | 0.622               |



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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 391   | 5327    | 7976   | 205013 | <a href="#">Wesley Rodrigues Silva</a>            |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Interações animal-planta   conservação   restauração ecológica                     | 29      | 20          | 0.690               | 77        | 41          | 0.532               | 3526     | 1369        | 0.388               |
| 1474  | 5328    | 7977   | 205034 | <a href="#">Sandra Lencioni</a>                   |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Geography</a><br>Geografia Regional   Geografia Urbana   Geografia Industrial   Teoria e Método da Geografia | 29      | 21          | 0.724               | 47        | 32          | 0.681               | 3521     | 1393        | 0.396               |
| 130   | 5329    | 7978   | 205035 | <a href="#">Francisco Antonio De Castro Lacaz</a> |    | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Sênior</a><br>Trabalho e Saúde   Seguridade Social   Política Planejamento em Saúde   | 29      | 18          | 0.621               | 47        | 30          | 0.638               | 3521     | 1224        | 0.348               |
| 40  | 5330    | 7980   | 205060 | <a href="#">Vicente Paulo Campos</a>              |    | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>AGRONOMIA/ FITOPATOLOGIA  | 29      | 18          | 0.621               | 117       | 44          | 0.376               | 3514     | 1482        | 0.422               |
| 5   | 5331    | 7982   | 205133 | <a href="#">Luciana De Avila Quevedo</a>          |    | <a href="#">Universidade Católica de Pelotas</a>                       | <a href="#">UniversidCatólica Pelotas</a>   | 29      | 25          | 0.862               | 61        | 55          | 0.902               | 3502     | 2228        | 0.636               |
| 103   | 5332    | 7983   | 205140 | <a href="#">João Paulo Saraiva Moraes</a>         |    | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   cellulose   plant fibres   cotton         | 29      | 25          | 0.862               | 61        | 44          | 0.721               | 3500     | 2309        | 0.660               |
| 1475  | 5333    | 7984   | 205180 | <a href="#">Nanuza Luiza De Menezes</a>           |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Morfologia e Anatomia de plantas vasculares  | 29      | 12          | 0.414               | 75        | 17          | 0.227               | 3489     | 631         | 0.181               |
| 220   | 5334    | 7985   | 205182 | <a href="#">Rosane Silva</a>                      |    | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>molecular biology   genomics   genetics                              | 29      | 17          | 0.586               | 68        | 36          | 0.529               | 3489     | 1347        | 0.386               |
| 328   | 5335    | 7986   | 205219 | <a href="#">Marcos Ferreira Minicucci</a>         |   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">MediciBotucatu</a>  | 29      | 20          | 0.690               | 92        | 51          | 0.554               | 3481     | 1993        | 0.573               |
| 1   | 5336    | 7987   | 205231 | <a href="#">Andre Luiz Fischer</a>                |  | <a href="#">FIA Business School</a>                                    | <a href="#">FEA USP</a>   | 29      | 15          | 0.517               | 65        | 36          | 0.554               | 3478     | 1276        | 0.367               |
| 1476  | 5337    | 7989   | 205250 | <a href="#">Gabriel Marroig</a>                   |  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>quantitative genetics and evolution                                  | 29      | 23          | 0.793               | 46        | 37          | 0.804               | 3474     | 1589        | 0.457               |
| 1477  | 5338    | 7990   | 205259 | <a href="#">Monica Yuri Takito</a>                |  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>physical education   epidemiology  | 29      | 25          | 0.862               | 60        | 38          | 0.633               | 3472     | 1737        | 0.500               |
| 16  | 5339    | 7991   | 205281 | <a href="#">Danilo Streck</a>                     |  | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">Education / Education</a><br>educação popular   pedagogia latino-americana   participação                                       | 29      | 21          | 0.724               | 59        | 41          | 0.695               | 3467     | 1714        | 0.494               |
| 329   | 5340    | 7992   | 205286 | <a href="#">Paula Schmidt Azevedo Gaiolla</a>     |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrologia   Medicina Interna                                      | 29      | 20          | 0.690               | 90        | 50          | 0.556               | 3466     | 1971        | 0.569               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 50  | 5341    | 7993   | 205288 | <a href="#">Iraci Dos Santos</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | Enfermagem   | 29      | 11          | 0.379               | 78        | 19          | 0.244               | 3466     | 838         | 0.242               |
| 95  | 5342    | 7994   | 205325 | <a href="#">Ildede Guedes</a>                |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Physics</a><br>Raman   Invariantes  | 29      | 17          | 0.586               | 71        | 29          | 0.408               | 3459     | 1085        | 0.314               |
| 1478  | 5343    | 7997   | 205366 | <a href="#">Leila Soares Marques</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geofísica Nuclear   Litogeoquímica   Geologia Isotópica   | 29      | 18          | 0.621               | 55        | 30          | 0.545               | 3449     | 1167        | 0.338               |
| 220   | 5344    | 7998   | 205368 | <a href="#">Pimenta Marcelo S</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>human-computer interaction   computer music   software engineering                                  | 29      | 19          | 0.655               | 93        | 39          | 0.419               | 3448     | 1499        | 0.435               |
| 43  | 5345    | 8000   | 205379 | <a href="#">Edna Ursulino Alves</a>          |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Produção e Tecnologia de Sementes para a Paraíba</a><br>Tecnologia de sementes   | 29      | 18          | 0.621               | 110       | 53          | 0.482               | 3446     | 1488        | 0.432               |
| 330   | 5346    | 8001   | 205386 | <a href="#">George Emanuel Avraam Matsas</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>General Relativity and Quantum Field Theory in Curved Spacetimes   | 29      | 18          | 0.621               | 61        | 29          | 0.475               | 3445     | 1279        | 0.371               |
| 226   | 5347    | 8002   | 205398 | <a href="#">Iran Borges</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>zootecnia   agronomia   veterinária   | 29      | 16          | 0.552               | 98        | 30          | 0.306               | 3441     | 1243        | 0.361               |
| 44  | 5348    | 8003   | 205443 | <a href="#">Josean Fechine Tavares</a>       |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">UFPB</a>   | 29      | 20          | 0.690               | 89        | 63          | 0.708               | 3431     | 2133        | 0.622               |
| 221   | 5349    | 8004   | 205481 | <a href="#">Newton G Castro</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Eletrofisiologia  | 29      | 18          | 0.621               | 37        | 26          | 0.703               | 3425     | 1104        | 0.322               |
| 227   | 5350    | 8005   | 205517 | <a href="#">Luiz Orlando Ladeira</a>         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>nanotecnologia   | 29      | 23          | 0.793               | 75        | 54          | 0.720               | 3418     | 1819        | 0.532               |
| 228   | 5351    | 8006   | 205539 | <a href="#">Andréa Zhouri</a>                |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   Ecologia Política   Conflitos Ambientais   Desenvolvimento   Mineração                              | 29      | 21          | 0.724               | 55        | 39          | 0.709               | 3414     | 1630        | 0.477               |
| 45  | 5352    | 8008   | 205567 | <a href="#">Ricardo Oliveira Da Silva</a>    |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Espectroscopia de Ressonância Magnética Nuclear   Ensino de Ciências   Metabonômica   Metabolômica | 29      | 18          | 0.621               | 72        | 39          | 0.542               | 3410     | 1611        | 0.472               |
| 331   | 5353    | 8010   | 205627 | <a href="#">Milton Carlos Kuga</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Terapêutica Medicamentosa   Irrigação Endodôntica   Urgências Odontológicas                  | 29      | 23          | 0.793               | 81        | 58          | 0.716               | 3397     | 1766        | 0.520               |
| 46  | 5354    | 8011   | 205642 | <a href="#">Santos Magalhães NS</a>          |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Nanotechnology   | 29      | 21          | 0.724               | 63        | 41          | 0.651               | 3393     | 1407        | 0.415               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1479  | 5355    | 8012   | 205648 | <a href="#">Luis Yu</a>                           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSao Paulo</a><br>Nefrologia   Clínica Médica   IRA   | 29      | 16          | 0.552               | 48        | 25          | 0.521               | 3393     | 922         | 0.272               |
| 332   | 5356    | 8014   | 205677 | <a href="#">Dagoberto Martins</a>                 | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 29      | 14          | 0.483               | 104       | 28          | 0.269               | 3386     | 1160        | 0.343               |
| 47  | 5357    | 8016   | 205709 | <a href="#">Suzana Maria Gico Lima Montenegro</a> | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Water resources management   groundwater   coastal aquifer   semiarid               | 29      | 24          | 0.828               | 75        | 55          | 0.733               | 3379     | 2035        | 0.602               |
| 1480  | 5358    | 8017   | 205738 | <a href="#">Denise De Andrade</a>                 | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Infection Control   Nursing  | 29      | 20          | 0.690               | 82        | 51          | 0.622               | 3371     | 1661        | 0.493               |
| 1481  | 5359    | 8018   | 205752 | <a href="#">Frederique Grassi</a>                 | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>physics   | 29      | 15          | 0.517               | 47        | 19          | 0.404               | 3369     | 869         | 0.258               |
| 333   | 5360    | 8019   | 205800 | <a href="#">Carmem Silvia Fontanetti</a>          | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 29      | 20          | 0.690               | 88        | 43          | 0.489               | 3359     | 1694        | 0.504               |
| 96  | 5361    | 8020   | 205816 | <a href="#">Mário César Ferreira</a>              | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Social Sciences / Psychology</a><br>ergonomia   psicologia organizacional e do trabalho   qualidade de vida no trabalho   gestão de pessoas | 29      | 18          | 0.621               | 49        | 28          | 0.571               | 3357     | 1233        | 0.367               |
| 334   | 5362    | 8021   | 205818 | <a href="#">Debora Barros Barbosa</a>             | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Antimicrobials   Herbal medicine   Candidiasis   Nanomaterials                               | 29      | 23          | 0.793               | 44        | 36          | 0.818               | 3357     | 1623        | 0.483               |
| 10  | 5363    | 8022   | 205822 | <a href="#">Ciro Romelio Rodriguez Añez</a>       | <br>Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Tecnológica</a><br>physical activity and health   | 29      | 18          | 0.621               | 55        | 32          | 0.582               | 3356     | 1536        | 0.458               |
| 392   | 5364    | 8023   | 205834 | <a href="#">Roberto Rittner</a>                   | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Espectroscopia  | 29      | 13          | 0.448               | 124       | 24          | 0.194               | 3353     | 815         | 0.243               |
| 5   | 5365    | 8024   | 205835 | <a href="#">Flávia Martão Flório</a>              | <br>Brazil | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>           | <a href="#">SÁfoLeopolMandicDentaland</a>   | 29      | 20          | 0.690               | 63        | 36          | 0.571               | 3353     | 1522        | 0.454               |
| 69  | 5366    | 8025   | 205853 | <a href="#">Marcio Arêdes Martins</a>             | <br>Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Biocombustíveis   Microalgas   Fornos Industriais                              | 29      | 24          | 0.828               | 77        | 56          | 0.727               | 3350     | 2253        | 0.673               |
| 7   | 5367    | 8026   | 205874 | <a href="#">Doglas Cecchin</a>                    | <br>Brazil | <a href="#">Universidade de Passo Fundo</a>                            | <a href="#">Medical and Health Sciences / Dentistry</a><br>endodontia   | 29      | 24          | 0.828               | 61        | 50          | 0.820               | 3347     | 2117        | 0.633               |
| 51  | 5368    | 8027   | 205881 | <a href="#">Antonio Delfino Jr</a>                | <br>Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Physics</a><br>Física  | 29      | 12          | 0.414               | 62        | 16          | 0.258               | 3346     | 1021        | 0.305               |

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| 221   | 5369    | 8028   | 205960 | <a href="#">Gunter Ebeling</a>                      | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Associação Química/UFRGS</a><br>Líquidos Iônicos  | 29      | 16          | 0.552               | 41        | 25          | 0.610               | 3336     | 684         | 0.205               |
| 23  | 5370    | 8029   | 205982 | <a href="#">Klaus Capelle</a>                       | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">ABC</a><br>Teoria do funcional da densidade   Matéria condensada   Teoria de muitos corpos   Sistemas de Inovação   | 29      | 14          | 0.483               | 58        | 22          | 0.379               | 3332     | 927         | 0.278               |
| 1482  | 5371    | 8030   | 205994 | <a href="#">Tiago Fernandes</a>                     | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Exercise training   microRNA   RAAS   stem cells   cardiovascular disease   | 29      | 25          | 0.862               | 58        | 51          | 0.879               | 3330     | 2036        | 0.611               |
| 1483  | 5372    | 8032   | 206012 | <a href="#">Leandro Luongo De Matos</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">a(CabeÃSEâ€</a><br>Cirurgia de Cabeça e Pescoço   Epidemiologia   Biologia Molecular  | 29      | 23          | 0.793               | 68        | 50          | 0.735               | 3327     | 2190        | 0.658               |
| 1   | 5373    | 8037   | 206106 | <a href="#">Carla Castiglia Gonzaga</a>             | <br>Brazil   | <a href="#">Universidade Positivo</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental Materials   Prosthodontics   Esthetics   Dental Ceramics   Resin Composites   | 29      | 22          | 0.759               | 83        | 60          | 0.723               | 3308     | 1843        | 0.557               |
| 229   | 5374    | 8039   | 206154 | <a href="#">Bernardo Ruegger Almeida Neves</a>      | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Physics</a><br>scanning probe microscopy   2D materials   self-assembly  | 29      | 16          | 0.552               | 65        | 31          | 0.477               | 3302     | 1225        | 0.371               |
| 1484  | 5375    | 8043   | 206167 | <a href="#">Marta Helena Fillet Spoto Spoto Mhf</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Frutas e Hortalças   Análise Sensorial   Irradiação de Alimentos  | 29      | 20          | 0.690               | 84        | 40          | 0.476               | 3299     | 1561        | 0.473               |
| 61  | 5376    | 8044   | 206198 | <a href="#">Cristiane Cardoso De Paula</a>          | <br>Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | Prática baseada em evidência   Fenomenologia   HIV   Segurança alimentar e nutricional   Saúde da criança e do adolescente.   | 29      | 20          | 0.690               | 104       | 47          | 0.452               | 3291     | 1772        | 0.538               |
| 48  | 5377    | 8045   | 206213 | <a href="#">Geber Lisboa Ramalho</a>                | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Computer Music   Human-Computer Interaction   Games  | 29      | 15          | 0.517               | 64        | 25          | 0.391               | 3288     | 959         | 0.292               |
| 1485  | 5378    | 8047   | 206244 | <a href="#">A Delbem</a>                            | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">University of Sao Paulo</a><br>Computer Sytems  | 29      | 19          | 0.655               | 88        | 40          | 0.455               | 3283     | 1312        | 0.400               |
| 62  | 5379    | 8048   | 206247 | <a href="#">Sandro José Giacomini</a>               | <br>Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Decomposition   nutrient cycling   greenhouse gas   nitrous oxide   | 29      | 18          | 0.621               | 67        | 46          | 0.687               | 3283     | 1502        | 0.458               |
| 1486  | 5380    | 8049   | 206254 | <a href="#">Luigi Jovane</a>                        | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Paleomagnetism   Applied Marine Geophysics   Stratigraphic Methods   Paleoclimatology and Paleocceanography | 29      | 23          | 0.793               | 67        | 59          | 0.881               | 3282     | 1881        | 0.573               |
| 1487  | 5381    | 8050   | 206279 | <a href="#">Haydée Fiszbein Wertzner</a>            | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Faculty of Medicine - University of Sao Paulo</a>   | 29      | 12          | 0.414               | 73        | 20          | 0.274               | 3278     | 755         | 0.230               |
| 70  | 5382    | 8051   | 206292 | <a href="#">Alexandre Ramos</a>                     | <br>Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | Negócios   agricultura   meio ambiente.   | 29      | 25          | 0.862               | 64        | 53          | 0.828               | 3276     | 2664        | 0.813               |
| 393   | 5383    | 8052   | 206301 | <a href="#">Luiz Eduardo Barreto Martins</a>        | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Education / Education</a><br>Bioengenharia  | 29      | 17          | 0.586               | 59        | 27          | 0.458               | 3274     | 1035        | 0.316               |













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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 97  | 5384    | 8053   | 206336 | <a href="#">Gilberto Moraes</a>                   | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>                         | <a href="#">Medical and Health Sciences / Biochemistry</a><br>metabolism   fish   stress in fishes   environmental toxicology   fish nutrition                                    | 29      | 20          | 0.690               | 45        | 28          | 0.622               | 3266     | 1117        | 0.342               |
| 51  | 5385    | 8058   | 206363 | <a href="#">Carlos RS Milani</a>                  | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | <a href="#">Social Sciences / International Relations</a><br>International relations. Comparative foreign policy. Development cooperation. South-South relations. Climate change. | 29      | 21          | 0.724               | 59        | 35          | 0.593               | 3262     | 1463        | 0.448               |
| 1488  | 5386    | 8060   | 206390 | <a href="#">Carlos Bandeira De Mello Monteiro</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a><br>Disability   Virtual Reality   Motor Learning   | 29      | 24          | 0.828               | 104       | 74          | 0.712               | 3258     | 2327        | 0.714               |
| 52  | 5387    | 8062   | 206409 | <a href="#">Carneiro Jw De M</a>                  | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   | 29      | 17          | 0.586               | 81        | 30          | 0.370               | 3254     | 1100        | 0.338               |
| 1489  | 5388    | 8063   | 206443 | <a href="#">Alessandra Pontillo</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Immunology</a><br>inflammasome   association studies   complex diseases   | 29      | 23          | 0.793               | 62        | 49          | 0.790               | 3247     | 1465        | 0.451               |
| 7   | 5389    | 8068   | 206482 | <a href="#">Marcus Tolentino Silva</a>            | <br>Brazil   | <a href="#">Universidade de Sorocaba</a>                                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   avaliação de tecnologias em saúde   | 29      | 26          | 0.897               | 71        | 63          | 0.887               | 3236     | 2458        | 0.760               |
| 335   | 5390    | 8070   | 206512 | <a href="#">Renee Laufer Amorim</a>               | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>veterinary pathology   veterinary oncology   comparative oncology  | 29      | 21          | 0.724               | 77        | 51          | 0.662               | 3231     | 1687        | 0.522               |
| 122   | 5391    | 8073   | 206616 | <a href="#">Ricardo AF Machado</a>                | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>chemical engineering   | 29      | 24          | 0.828               | 93        | 66          | 0.710               | 3213     | 2022        | 0.629               |
| 35  | 5392    | 8074   | 206629 | <a href="#">Celia Anteneodo</a>                   | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Physics</a><br>stochastic dynamics   nonlinear dynamics   complex systems   sociophysics   | 29      | 16          | 0.552               | 73        | 30          | 0.411               | 3211     | 908         | 0.283               |
| 45  | 5393    | 8078   | 206666 | <a href="#">Jose Humberto Vilar Da Silva</a>      | <br>Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                       |   | 29      | 14          | 0.483               | 93        | 25          | 0.269               | 3205     | 951         | 0.297               |
| 394   | 5394    | 8079   | 206702 | <a href="#">Ruy Quadros</a>                       | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Business &amp; Management / Entrepreneurship</a><br>innovation indicators   innovation management   business model innovation   | 29      | 12          | 0.414               | 73        | 17          | 0.233               | 3200     | 708         | 0.221               |
| 336   | 5395    | 8080   | 206706 | <a href="#">João Pessoa Araujo Junior</a>         | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia   Doenças Infecciosas dos animais   | 29      | 20          | 0.690               | 82        | 58          | 0.707               | 3199     | 1719        | 0.537               |
| 230   | 5396    | 8082   | 206713 | <a href="#">Andréa Ma Nascimento</a>              | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | Environmental microbiology   Antibiotic resistance   Microbiome   | 29      | 23          | 0.793               | 55        | 38          | 0.691               | 3198     | 1443        | 0.451               |

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| 104   | 5397    | 8083   | 206720 | <a href="#">Giuliano Elias Pereira</a>                             |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Researcher on Enology at Embrapa Grape &amp; Wine</a><br>grapevine   grape   wine   grape juice  | 29      | 21          | 0.724               | 59        | 46          | 0.780               | 3197     | 1892        | 0.592               |
| 46  | 5398    | 8084   | 206725 | <a href="#">Gerd Bruno Rocha</a>                                   |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Computational Chemistry   Electronic Structure Methods   Parallel Programming   GPGPU   Molecular Dynamics of Proteins | 29      | 14          | 0.483               | 48        | 18          | 0.375               | 3196     | 1069        | 0.334               |
| 1490  | 5399    | 8086   | 206741 | <a href="#">Marcelo Dias Baruffi</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Glicobiologia   Imunologia   Parasitologia   | 29      | 22          | 0.759               | 67        | 50          | 0.746               | 3193     | 1466        | 0.459               |
| 1491  | 5400    | 8087   | 206760 | <a href="#">Fabio Tebaldi Silveira Nogueira</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Development   epigenetics   small RNAs   | 29      | 22          | 0.759               | 46        | 34          | 0.739               | 3189     | 1347        | 0.422               |
| 231   | 5401    | 8089   | 206782 | <a href="#">Caio Fagundes</a>                                      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">UFMG</a><br>Inflammation   Host-microorganism interaction   Microbiota   Innate Immunity   | 29      | 21          | 0.724               | 41        | 34          | 0.829               | 3184     | 1546        | 0.486               |
| 66  | 5402    | 8090   | 206831 | <a href="#">Ronaldo Lopes Oliveira</a>                             |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia   Nutrição Animal   Ruminantes  | 29      | 21          | 0.724               | 114       | 68          | 0.596               | 3175     | 1973        | 0.621               |
| 67  | 5403    | 8091   | 206852 | <a href="#">Roberto FS Andrade Roberto Fernandes Silva Andrade</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          |  | 29      | 15          | 0.517               | 78        | 35          | 0.449               | 3170     | 1083        | 0.342               |
| 1492  | 5404    | 8092   | 206855 | <a href="#">Ana Estela Haddad</a>                                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Educação nas Profissões da Saúde   Telessaude   Sistemas de Saúde   Políticas Públicas                              | 29      | 17          | 0.586               | 59        | 35          | 0.593               | 3170     | 1176        | 0.371               |
| 3   | 5405    | 8093   | 206913 | <a href="#">Fabio Ribeiro Braga</a>                                |  Brazil   | <a href="#">Universidade Vila Velha UVV</a>                            | <a href="#">Medical and Health Sciences / Parasitology</a><br>Chemical and Biological Control   Parasite Control   | 29      | 18          | 0.621               | 100       | 53          | 0.530               | 3159     | 1536        | 0.486               |
| 49  | 5406    | 8094   | 206928 | <a href="#">Fabio Ob Da Silva</a>                                  |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Human Factors in Software Engineering   Software Teams   Empirical Software Engineering Methods             | 29      | 22          | 0.759               | 67        | 41          | 0.612               | 3157     | 1555        | 0.493               |
| 232   | 5407    | 8095   | 206942 | <a href="#">Allyson Nogueira Moreira</a>                           |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Clínica Odontológica   biomateriais. odontogeriatrics e cariologia  | 29      | 21          | 0.724               | 65        | 49          | 0.754               | 3154     | 1521        | 0.482               |
| 233   | 5408    | 8096   | 206959 | <a href="#">Ricardo Wagner Almeida Vitor</a>                       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>PROTOZOOLOGIA HUMANA   | 29      | 17          | 0.586               | 72        | 41          | 0.569               | 3151     | 1130        | 0.359               |
| 27  | 5409    | 8098   | 207009 | <a href="#">Cesar Serra Bonifacio Costa</a>                        |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant biotechnology   plant population   ecophysiology   phytoremediation   plant communities                    | 29      | 16          | 0.552               | 78        | 29          | 0.372               | 3142     | 966         | 0.307               |
| 337   | 5410    | 8099   | 207026 | <a href="#">Magali Leonel</a>                                      |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Tecnologia de Alimentos   | 29      | 19          | 0.655               | 82        | 49          | 0.598               | 3139     | 1474        | 0.470               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1493  | 5411    | 8103   | 207047 | <a href="#">Maria Luiza Faria Salatino</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">São Paulo</a>  | 29      | 18          | 0.621               | 62        | 29          | 0.468               | 3136     | 1192        | 0.380               |
| 98  | 5412    | 8104   | 207048 | <a href="#">Dilson Cardoso</a>                  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalysis   Zeolites   Molecular Sieves   Biodiesel  | 29      | 16          | 0.552               | 61        | 33          | 0.541               | 3136     | 1043        | 0.333               |
| 338   | 5413    | 8105   | 207063 | <a href="#">Mario Cilense</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>materiais  | 29      | 13          | 0.448               | 72        | 22          | 0.306               | 3133     | 744         | 0.237               |
| 97  | 5414    | 8107   | 207093 | <a href="#">Kênia Mara Baiocchi De Carvalho</a> |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição e doenças crônicas   saúde do adolescente   cirurgia bariátrica                  | 29      | 24          | 0.828               | 50        | 44          | 0.880               | 3129     | 2332        | 0.745               |
| 36  | 5415    | 8108   | 207104 | <a href="#">Gero Von Gersdorff</a>              |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Natural Sciences / Physics</a><br>Particle Physics Phenomenology   | 29      | 16          | 0.552               | 50        | 24          | 0.480               | 3127     | 1063        | 0.340               |
| 48  | 5416    | 8109   | 207143 | <a href="#">Luísa Habigzang</a>                 |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>violência   vulnerabilidade   intervenções clínicas  | 29      | 22          | 0.759               | 55        | 42          | 0.764               | 3121     | 1609        | 0.516               |
| 222   | 5417    | 8110   | 207145 | <a href="#">Cerli Rocha Gattass</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   cancer   multidrug resistance   parasitology  | 29      | 14          | 0.483               | 50        | 24          | 0.480               | 3121     | 805         | 0.258               |
| 53  | 5418    | 8111   | 207174 | <a href="#">Leonardo Gresta Paulino Murta</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering  | 29      | 19          | 0.655               | 80        | 32          | 0.400               | 3117     | 1257        | 0.403               |
| 14  | 5419    | 8112   | 207192 | <a href="#">Luiz Fernando Pires</a>             |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>                  | <a href="#">Natural Sciences / Physics</a><br>Environmental Soil Physics   Applied Nuclear Physics   | 29      | 22          | 0.759               | 65        | 52          | 0.800               | 3115     | 2011        | 0.646               |
| 1494  | 5420    | 8115   | 207244 | <a href="#">Filomena Marino Carvalho</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pathology</a><br>Breast and Gynecological cancer. Infertility.   | 29      | 16          | 0.552               | 63        | 30          | 0.476               | 3106     | 1109        | 0.357               |
| 98  | 5421    | 8116   | 207260 | <a href="#">Ma To Fu TF Ma</a>                  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Natural Sciences / Mathematics</a><br>Applied Mathematics   Partial Differential Equations   Nonlinear Analysis  | 29      | 21          | 0.724               | 50        | 37          | 0.740               | 3104     | 1391        | 0.448               |
| 1495  | 5422    | 8118   | 207264 | <a href="#">Paulo Sergio Pavinato</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fósforo no solo   fertilidade do solo  | 29      | 24          | 0.828               | 66        | 56          | 0.848               | 3103     | 2079        | 0.670               |
| 21  | 5423    | 8119   | 207265 | <a href="#">Thiago Domingos Corrêa</a>          |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                          | <a href="#">Unidade de Terapia Intensiva, Hospital Israelita Albert Einstein</a><br>Sepse   Choque   Hemodinâmica   Modelos experimentais   Disfunção Mitocondrial | 29      | 26          | 0.897               | 59        | 54          | 0.915               | 3103     | 2589        | 0.834               |
| 22  | 5424    | 8120   | 207277 | <a href="#">Fabio PS Santos</a>                 |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                          |  | 29      | 20          | 0.690               | 50        | 32          | 0.640               | 3101     | 1421        | 0.458               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1496  | 5425    | 8121   | 207287 | <a href="#">María Eugenia Guazzaroni</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Microbiology   Metagenomics   Systems Microbiology   Synthetic Biology | 29      | 20          | 0.690               | 51        | 41          | 0.804               | 3099     | 1452        | 0.469               |
| 395   | 5426    | 8122   | 207290 | <a href="#">Rodnei Bertazzoli</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">CampinasMecânica</a><br>Eletroquímica   Reatores Eletroquímicos   Eletrocatalise   Corrosão   Engenharia de Superfícies.   | 29      | 16          | 0.552               | 50        | 31          | 0.620               | 3099     | 979         | 0.316               |
| 28  | 5427    | 8123   | 207309 | <a href="#">Luís Felipe Hax Niencheski</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemical Oceanography  | 29      | 15          | 0.517               | 68        | 25          | 0.368               | 3096     | 934         | 0.302               |
| 339   | 5428    | 8124   | 207340 | <a href="#">Alexandre Luiz Souto Borges</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Protese Dentaria   Biomecanica   Compositos   | 29      | 25          | 0.862               | 93        | 86          | 0.925               | 3091     | 2515        | 0.814               |
| 131   | 5429    | 8125   | 207361 | <a href="#">Juarez Pereira Furtado</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Unifesp</a><br>Avaliação em Saúde   Saúde Coletiva   Saúde Mental  | 29      | 21          | 0.724               | 48        | 31          | 0.646               | 3088     | 1261        | 0.408               |
| 20  | 5430    | 8126   | 207376 | <a href="#">Danilo Rodrigues Pereira Da Silva</a>  |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Sergipe</a><br>Physical activity   Sedentary behavior   Fitness   Body composition   Epidemiology  | 29      | 26          | 0.897               | 79        | 73          | 0.924               | 3084     | 2866        | 0.929               |
| 96  | 5431    | 8128   | 207418 | <a href="#">Maria Vera Cardoso</a>                 |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">EnfermagemCeará</a><br>Saúde   | 29      | 15          | 0.517               | 98        | 35          | 0.357               | 3077     | 1131        | 0.368               |
| 234   | 5432    | 8130   | 207450 | <a href="#">Helenice Gobbi</a>                     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>breast pathology   prognostic and predictive markers in breast cancer   proliferative breast lesions                | 29      | 15          | 0.517               | 72        | 21          | 0.292               | 3072     | 815         | 0.265               |
| 105   | 5433    | 8131   | 207460 | <a href="#">Rose Monnerat</a>                      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a><br>controle biologico  | 29      | 17          | 0.586               | 74        | 34          | 0.459               | 3071     | 1128        | 0.367               |
| 17  | 5434    | 8132   | 207461 | <a href="#">José Roque Junges</a>                  |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">SaúColetiva/UNISINOS</a><br>Saúde Coletiva   bioética   ética ambiental   Antropologia da saúde   Espiritualidade e religiosidade                                  | 29      | 20          | 0.690               | 65        | 40          | 0.615               | 3071     | 1345        | 0.438               |
| 235   | 5435    | 8135   | 207523 | <a href="#">Alexandre Ferreira Marques</a>         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Vaccine   Chagas disease   Leishmaniasis   Red meat allergy   | 29      | 20          | 0.690               | 50        | 43          | 0.860               | 3062     | 1592        | 0.520               |
| 1497  | 5436    | 8136   | 207537 | <a href="#">Tânia Tomé</a>                         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | Statistical Mechanics   Stochastic Processes   Non-Equilibrium Statistical Mechanics   Mathematical Modeling of Biological Systems   | 29      | 16          | 0.552               | 53        | 22          | 0.415               | 3060     | 966         | 0.316               |
| 1498  | 5437    | 8137   | 207553 | <a href="#">Aylene Bousquat</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">saúPúblicausp</a><br>Saúde Pública   | 29      | 21          | 0.724               | 48        | 36          | 0.750               | 3057     | 2196        | 0.718               |
| 396   | 5438    | 8141   | 207572 | <a href="#">Cláudia Thereza Guimarães De Lemos</a> |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Social Sciences / Psychology</a><br>Psicanálise   Linguística   Aquisição de Linguagem   | 29      | 12          | 0.414               | 51        | 15          | 0.294               | 3054     | 587         | 0.192               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 132   | 5439    | 8143   | 207598 | <a href="#">Silvia Daher</a>  |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Imunologia da Reprodução   Biologia da Reprodução   Obesidade   Diabetes         | 29      | 22          | 0.759               | 55        | 38          | 0.691               | 3050     | 1228        | 0.403               |
| 236   | 5440    | 8145   | 207638 | <a href="#">Marcio Moraes</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Medical and Health Sciences / Physiology</a><br>Neurofisiologia   Neurociências   Epilepsia   | 29      | 22          | 0.759               | 84        | 55          | 0.655               | 3042     | 1599        | 0.526               |
| 1499  | 5441    | 8147   | 207643 | <a href="#">Márcio Gerhardt Soeiro De Souza</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">UniversidSao Paulo</a><br>mood disorders   bipolar disorder   mrs studies   neuroimage  | 29      | 21          | 0.724               | 48        | 38          | 0.792               | 3042     | 1862        | 0.612               |
| 1500  | 5442    | 8150   | 207707 | <a href="#">Nf Oliveira Jr</a><br><a href="#">Nei F Oliveira Jr</a><br><a href="#">Nei Fernandes De Oliveira Junior</a><br><a href="#">Nei F De Oliveira Jr</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">UniversidSao Paulo</a><br>Magnetismo   Semicondutores   Ondas Gravitacionais   Condensacao de Bose  | 29      | 10          | 0.345               | 68        | 10          | 0.147               | 3031     | 470         | 0.155               |
| 1501  | 5443    | 8151   | 207711 | <a href="#">Maria Garcia Otaduy</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Faculty of Medicine of the University of São Paulo</a>  | 29      | 21          | 0.724               | 60        | 48          | 0.800               | 3030     | 2021        | 0.667               |
| 54  | 5444    | 8154   | 207732 | <a href="#">Bernardo AP Da Gama</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                  | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Ecology   Biodiversity   Chemical Ecology   Biofouling   Pollution | 29      | 17          | 0.586               | 47        | 26          | 0.553               | 3028     | 1303        | 0.430               |
| 2   | 5445    | 8155   | 207762 | <a href="#">Gisele Maria Correr</a>   |  Brazil   | <a href="#">Universidade Positivo</a>                            | <a href="#">sMestraedoOdontologiPositivo</a><br>Dentística   Materiais Dentários   Ortodontia   | 29      | 23          | 0.793               | 73        | 51          | 0.699               | 3021     | 1671        | 0.553               |
| 52  | 5446    | 8156   | 207773 | <a href="#">Ivo Dussin</a>  |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>    | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geocronologia   Geotectonica   Geoquimica Isotopica  | 29      | 27          | 0.931               | 55        | 50          | 0.909               | 3020     | 2026        | 0.671               |
| 223   | 5447    | 8157   | 207775 | <a href="#">Flavia Regina Souza Lima</a>  |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociências   | 29      | 23          | 0.793               | 46        | 39          | 0.848               | 3020     | 1769        | 0.586               |
| 1502  | 5448    | 8158   | 207797 | <a href="#">Luciano Bachmann</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Physics</a><br>Vibrational spectroscopy   Ultraviolet dosimetry and science education  | 29      | 23          | 0.793               | 67        | 43          | 0.642               | 3015     | 1371        | 0.455               |
| 15  | 5449    | 8159   | 207811 | <a href="#">Paulo Vitor Farago</a>  |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Desenvolvimento de formulações   Produtos Naturais                  | 29      | 23          | 0.793               | 94        | 62          | 0.660               | 3012     | 2022        | 0.671               |
| 18  | 5450    | 8161   | 207815 | <a href="#">Marcelo Tavora Mira</a>   |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular genetics   | 29      | 19          | 0.655               | 47        | 39          | 0.830               | 3012     | 1047        | 0.348               |
| 237   | 5451    | 8163   | 207863 | <a href="#">Gisele L Pappa</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Evolutionary Computation   Genetic Programming   Machine learning   Social Networks      | 29      | 23          | 0.793               | 69        | 47          | 0.681               | 3006     | 1794        | 0.597               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 106   | 5452    | 8164   | 207879 | <a href="#">Washington Magalhães</a>                    |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>   | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   wood science   polymer   | 29      | 25          | 0.862               | 81        | 68          | 0.840               | 3004     | 2157        | 0.718               |
| 1503  | 5453    | 8169   | 208082 | <a href="#">Bruno Cogliati</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia morfológica e molecular   Hepatologia experimental e comparada   Genética molecular em cães e gatos   | 29      | 24          | 0.828               | 84        | 74          | 0.881               | 2975     | 2246        | 0.755               |
| 47  | 5454    | 8170   | 208114 | <a href="#">Thiago Lopes Rocha</a>                      |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>             | <a href="#">Biotecnologia ambiental Nanocototoxicologia Toxicologia Aquática biomonitoramento biomarcadores e ecotoxicologia.</a><br>Biotecnologia ambiental   Nanocototoxicologia   Toxicologia Aquática   biomonitoramento   biomarcadores e ecotoxicologia. | 29      | 27          | 0.931               | 49        | 48          | 0.980               | 2971     | 2707        | 0.911               |
| 99  | 5455    | 8171   | 208156 | <a href="#">Roberto Arnaldo Trancoso Gomes</a>          |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                  | <a href="#">Natural Sciences / Geography</a><br>Geomorfologia   Geoprocessamento   Sensoriamento Remoto   Modelagem Matemática   | 29      | 22          | 0.759               | 76        | 40          | 0.526               | 2964     | 1603        | 0.541               |
| 7   | 5456    | 8172   | 208157 | <a href="#">Mirna Albuquerque Frota</a>                 |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>              | <a href="#">Saúde Coletiva</a><br>Saúde da Criança e do Adolescente   Saúde Coletiva   Promoção da Saúde   | 29      | 18          | 0.621               | 75        | 40          | 0.533               | 2964     | 1246        | 0.420               |
| 99  | 5457    | 8173   | 208158 | <a href="#">Conrado Ramos Moreira Afonso</a>            |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>            | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Caracterização Microestrutural   Microscopia Eletrônica   Ligas Beta de Titânio   Ligas Amorfas e Nanocristalinas   Conformação                                    | 29      | 24          | 0.828               | 73        | 57          | 0.781               | 2964     | 1787        | 0.603               |
| 107   | 5458    | 8174   | 208162 | <a href="#">Maria Aparecida Vasconcelos Paiva Brito</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>   | <a href="#">Pesquisador A. Embrapa Gado de Leite</a><br>Microbiologia Veterinária   Mastite Bovina   Qualidade do Leite   Resistência a antimicrobianos  | 29      | 18          | 0.621               | 82        | 37          | 0.451               | 2963     | 1134        | 0.383               |
| 53  | 5459    | 8175   | 208163 | <a href="#">Israel Felzenszwalb</a>                     |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> |  | 29      | 19          | 0.655               | 74        | 30          | 0.405               | 2963     | 959         | 0.324               |
| 50  | 5460    | 8176   | 208182 | <a href="#">Ana Maria Benko Iseppon</a>                 |  Brazil  | <a href="#">Universidade Federal de Pernambuco</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Plant biology   molecular biology   phylogenetics   genomics  | 29      | 19          | 0.655               | 72        | 49          | 0.681               | 2961     | 1475        | 0.498               |
| 29  | 5461    | 8178   | 208268 | <a href="#">Liércio André Isoldi</a>                    |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>       | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia de Energia   Simulação Numérica   Mecânica dos Fluidos   Mecânica dos Sólidos e Transferência de Calor.   | 29      | 22          | 0.759               | 80        | 61          | 0.763               | 2949     | 1994        | 0.676               |
| 31  | 5462    | 8180   | 208283 | <a href="#">Adriano De Oliveira Andrade</a>             |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>            | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomedical Engineering  | 29      | 22          | 0.759               | 65        | 47          | 0.723               | 2947     | 1613        | 0.547               |
| 133   | 5463    | 8181   | 208296 | <a href="#">Catarina Segreti Porto</a>                  |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>endocrinology  | 29      | 17          | 0.586               | 59        | 26          | 0.441               | 2946     | 956         | 0.325               |
| 7   | 5464    | 8184   | 208301 | <a href="#">Fernando Augusto Lima Marson</a>            |  Brazil | <a href="#">Universidade São Francisco</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana e Médica  | 29      | 26          | 0.897               | 78        | 60          | 0.769               | 2945     | 2275        | 0.772               |
| 1504  | 5465    | 8185   | 208308 | <a href="#">Carla Aparecida Arena Ventura</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | Human Rights   Right to Health   Global Health   | 29      | 22          | 0.759               | 76        | 55          | 0.724               | 2944     | 1842        | 0.626               |






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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 222   | 5466    | 8186   | 208355 | <a href="#">Daniel Weibel</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">RioGrandeSul</a><br>Fotoquímica   superfícies   fotocatalise   polimeros   hidrogênio  | 29      | 17          | 0.586               | 50        | 32          | 0.640               | 2938     | 889         | 0.303               |
| 1505  | 5467    | 8189   | 208383 | <a href="#">Rosane Aparecida Monteiro</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Técnica em Informaçãõ em Saúde</a> USP<br>saúde pública  | 29      | 21          | 0.724               | 52        | 42          | 0.808               | 2935     | 1350        | 0.460               |
| 3   | 5468    | 8191   | 208388 | <a href="#">Gutkoski LC</a>                      |  Brazil   | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food science and technology   cereal   post-harvest   baking   starch                           | 29      | 18          | 0.621               | 66        | 42          | 0.636               | 2934     | 1461        | 0.498               |
| 30  | 5469    | 8193   | 208429 | <a href="#">Joao Sarkis Yunes</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Cianobactérias   ficotoxinas   biotecnologia   fixação biológica do Nitrogenio.                                  | 29      | 17          | 0.586               | 55        | 32          | 0.582               | 2929     | 994         | 0.339               |
| 108   | 5470    | 8195   | 208442 | <a href="#">Alberto C. De Campos Bernardi</a>    |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Embrapa</a><br>Soil fertility   precision agriculture   zeolite   crop-livestock integrated system   | 29      | 20          | 0.690               | 81        | 43          | 0.531               | 2927     | 1489        | 0.509               |
| 1506  | 5471    | 8197   | 208486 | <a href="#">Sandra Mara Ferreira Villares</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">MédicHospitaldasClínicasFMP</a><br>obesidade infantil  | 29      | 14          | 0.483               | 44        | 22          | 0.500               | 2921     | 663         | 0.227               |
| 35  | 5472    | 8198   | 208488 | <a href="#">José Luiz Attayde</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>                                      | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Limnology   Oceanography   Fisheries   Conservation Biology   | 29      | 22          | 0.759               | 42        | 37          | 0.881               | 2921     | 1605        | 0.549               |
| 11  | 5473    | 8199   | 208490 | <a href="#">Thieres George Freire Da Silva</a>   |  Brazil  | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>                                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>AGROMETEOROLOGIA   Micrometeorologia   Resiliência Agrícola   Serviços Agrometeorológicos   Bioclimatologia Animal | 29      | 23          | 0.793               | 84        | 66          | 0.786               | 2920     | 2122        | 0.727               |
| 11  | 5474    | 8200   | 208494 | <a href="#">Marcelo Gattermann Perin</a>         |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">EAESP / FGV</a><br>Marketing Estratégico   | 29      | 20          | 0.690               | 67        | 40          | 0.597               | 2919     | 1469        | 0.503               |
| 1507  | 5475    | 8201   | 208511 | <a href="#">Tania Maria José Aiello Vaisberg</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Social Sciences / Psychology</a><br>clinical psychology   social psychology   psychopathology   psychoanalysis   | 29      | 18          | 0.621               | 74        | 39          | 0.527               | 2917     | 1057        | 0.362               |
| 100   | 5476    | 8202   | 208514 | <a href="#">Jose Joaquin Linares Leon</a>        |  Brazil | <a href="#">Universidade de Brasília UNB</a>   | <a href="#">UniversidBrasília</a><br>Ingeniería electroquímica   catálisis   PEMFC   Membranas electrolíticas poliméricas  | 29      | 18          | 0.621               | 46        | 31          | 0.674               | 2917     | 1163        | 0.399               |
| 100   | 5477    | 8203   | 208522 | <a href="#">Vânia Gomes Zuin</a>                 |  Brazil | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">DQUFSCar(Brazil)Leuphana(Germany)GCCEUoY(UK)</a><br>Green and Sustainable Chemistry (Analytical Chemistry and Chemistry Education)                                 | 29      | 19          | 0.655               | 54        | 44          | 0.815               | 2916     | 1602        | 0.549               |
| 397   | 5478    | 8208   | 208579 | <a href="#">Marinês Nobre Dos Santos</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Dentistry   Cariology   | 29      | 19          | 0.655               | 52        | 35          | 0.673               | 2909     | 1089        | 0.374               |



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| 238   | 5479    | 8210   | 208592 | <a href="#">Eduardo Nicolau Dos Santos</a>       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>catalysis   organometallic chemistry   inorganic chemistry   | 29      | 14          | 0.483               | 56        | 21          | 0.375               | 2906     | 919         | 0.316               |
| 101   | 5480    | 8212   | 208616 | <a href="#">Sérgio Sauer</a>                     |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Universid Brasília - UnB</a><br>estudos agrários   sociologia   sociologia política   meio ambiente  | 29      | 22          | 0.759               | 67        | 38          | 0.567               | 2901     | 1631        | 0.562               |
| 1508  | 5481    | 8214   | 208624 | <a href="#">Adriana Cc Girardi</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Cora</a><br>Interação Rim-Coração   Túbulo Proximal Renal   Hipertensão Arterial   Insuficiência Cardíaca   Antidiabéticos   | 29      | 22          | 0.759               | 54        | 44          | 0.815               | 2900     | 1500        | 0.517               |
| 55  | 5482    | 8216   | 208639 | <a href="#">Ricardo Luiz Dantas Machado</a>      |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">Medical and Health Sciences / Parasitology</a><br>parasitologia  | 29      | 15          | 0.517               | 78        | 34          | 0.436               | 2897     | 982         | 0.339               |
| 1509  | 5483    | 8217   | 208654 | <a href="#">Luciano Freschi</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Hormones   Photosynthesis   Photomorphogenesis   Nitric Oxide  | 29      | 25          | 0.862               | 47        | 44          | 0.936               | 2896     | 2331        | 0.805               |
| 1510  | 5484    | 8218   | 208665 | <a href="#">Elza Tiemi Sakamoto Hojo</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Mutagenesis   Cancer   DNA repair   Aging  | 29      | 19          | 0.655               | 82        | 40          | 0.488               | 2894     | 1128        | 0.390               |
| 102   | 5485    | 8220   | 208695 | <a href="#">Sebastiao William Da Silva</a>       |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Natural Sciences / Physics</a><br>Nanotecnologia   | 29      | 19          | 0.655               | 75        | 46          | 0.613               | 2890     | 1243        | 0.430               |
| 123   | 5486    | 8222   | 208701 | <a href="#">Zenilda Bouzon</a>                   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia celular vegetal  | 29      | 22          | 0.759               | 86        | 53          | 0.616               | 2888     | 1469        | 0.509               |
| 77  | 5487    | 8223   | 208708 | <a href="#">Rosemara Fugi</a>                    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Natural Sciences / Biological Science</a><br>ecologia de peixes  | 29      | 18          | 0.621               | 56        | 30          | 0.536               | 2887     | 961         | 0.333               |
| 109   | 5488    | 8224   | 208710 | <a href="#">Fernando Flores Cardoso</a>          |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Agriculture &amp; Forestry / Animal Science</a><br>animal   breeding   genetics   genomics   | 29      | 18          | 0.621               | 87        | 53          | 0.609               | 2886     | 1383        | 0.479               |
| 10  | 5489    | 8226   | 208759 | <a href="#">Favaro, Dit</a>                      |  Brazil  | <a href="#">Instituto de Pesquisas Energeticas e Nucleares IPEN/CNEN-SP</a> | <a href="#">Pesquisadora, Instituto de Pesquisas Energéticas e Nucleares IPEN/CNEN-SP</a><br>Meio ambiente   química analítica   metais tóxicos   elementos traço   sedimentos | 29      | 18          | 0.621               | 80        | 34          | 0.425               | 2878     | 1031        | 0.358               |
| 36  | 5490    | 8228   | 208795 | <a href="#">Éricka Janine Dantas Da Silveira</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral e Estomatologia  | 29      | 18          | 0.621               | 86        | 45          | 0.523               | 2874     | 1460        | 0.508               |
| 223   | 5491    | 8229   | 208797 | <a href="#">Magno Vt Machado</a>                 |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   high energy physics   heavy ion physics   QCD phenomenology   UHE neutrino physics                            | 29      | 15          | 0.517               | 64        | 20          | 0.313               | 2874     | 758         | 0.264               |
| 398   | 5492    | 8233   | 208819 | <a href="#">Paula Teixeira Fernandes</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Social Sciences / Psychology</a><br>SPORT PSYCHOLOGY   NEUROSCIENCE   PHYSICAL EDUCATION   | 29      | 19          | 0.655               | 65        | 37          | 0.569               | 2871     | 1205        | 0.420               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 399   | 5493    | 8236   | 208847 | <a href="#">Caroline Joy Steel</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos  | 29      | 23          | 0.793               | 65        | 51          | 0.785               | 2867     | 1955        | 0.682               |
| 1511  | 5494    | 8237   | 208888 | <a href="#">Rafael Otto</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Solos</a><br>Fertilidade do solo   Adubação   Nitrogênio  | 29      | 22          | 0.759               | 61        | 50          | 0.820               | 2861     | 1982        | 0.693               |
| 37  | 5495    | 8238   | 208920 | <a href="#">Rodrigo Othavio Assuncao Souza</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese Dentária   Materiais Dentários   Sistemas CAD/CAM   Cerâmicas   Zircônia.                              | 29      | 22          | 0.759               | 66        | 45          | 0.682               | 2856     | 1647        | 0.577               |
| 340   | 5496    | 8239   | 208926 | <a href="#">Joaquim Mansano Garcia</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução animal   células tronco   | 29      | 15          | 0.517               | 71        | 26          | 0.366               | 2855     | 895         | 0.313               |
| 124   | 5497    | 8241   | 208935 | <a href="#">Giovani Firpo Del Duca</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Education / Education</a><br>Educação Física  | 29      | 19          | 0.655               | 61        | 43          | 0.705               | 2854     | 1241        | 0.435               |
| 341   | 5498    | 8242   | 208942 | <a href="#">Nilson C Cruz</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">ETecnologiSorocaba</a><br>Tratamentos a plasma   biomateriais   Oxidação eletrolítica assistida por Plasmas   plasmas em pressão atmosférica                  | 29      | 23          | 0.793               | 83        | 51          | 0.614               | 2853     | 1731        | 0.607               |
| 51  | 5499    | 8243   | 208961 | <a href="#">Augusto Cesar Alves Sampaio</a>    |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Engenharia de software   métodos formais   testes   transformação de programas                         | 29      | 12          | 0.414               | 73        | 16          | 0.219               | 2851     | 553         | 0.194               |
| 71  | 5500    | 8246   | 209039 | <a href="#">Teogenes Senna De Oliveira</a>     |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Science  | 29      | 20          | 0.690               | 66        | 43          | 0.652               | 2839     | 1278        | 0.450               |
| 400   | 5501    | 8247   | 209049 | <a href="#">Antonio Riul Junior</a>            |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>Materials Science   Nanotechnology   Sensors  | 29      | 18          | 0.621               | 56        | 28          | 0.500               | 2837     | 1052        | 0.371               |
| 56  | 5502    | 8248   | 209050 | <a href="#">Artur Alves Pessoa</a>             |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Programação Matemática   Otimização Combinatória                             | 29      | 24          | 0.828               | 53        | 38          | 0.717               | 2837     | 1954        | 0.689               |
| 3   | 5503    | 8250   | 209087 | <a href="#">Viviane Colares</a>                |  Brazil | <a href="#">Universidade de Pernambuco</a>                             | <a href="#">Medical and Health Sciences / Dentistry</a>   | 29      | 19          | 0.655               | 63        | 37          | 0.587               | 2831     | 1222        | 0.432               |
| 110   | 5504    | 8251   | 209093 | <a href="#">Carlos Alberto Da Silva Ledo</a>   |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador da Embrapa Mandioca e Fruticultura</a><br>Melhoramento genético de plantas   Estatística experimental   Análise multivariada   Recursos genéticos | 29      | 17          | 0.586               | 91        | 42          | 0.462               | 2830     | 1348        | 0.476               |
| 111   | 5505    | 8252   | 209125 | <a href="#">José Ricardo Macedo Pezzopane</a>  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agrometeorologia   mudanças climáticas   integração lavoura-pecuária-floresta                                 | 29      | 23          | 0.793               | 78        | 56          | 0.718               | 2826     | 1685        | 0.596               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 45  | 5506    | 8253   | 209128 | <a href="#">Katya Luciane De Oliveira</a>      |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Social Sciences / Psychology</a><br>Avaliação Psicoeducacional   | 29      | 18          | 0.621               | 67        | 43          | 0.642               | 2826     | 1242        | 0.439               |
| 401   | 5507    | 8255   | 209148 | <a href="#">Monica Alonso Cotta</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Physics</a><br>nanomaterials   semiconductor nanowires   biosensors   bacterial biofilms  | 29      | 19          | 0.655               | 72        | 31          | 0.431               | 2823     | 1186        | 0.420               |
| 1512  | 5508    | 8257   | 209163 | <a href="#">Lourdes Isaac</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 29      | 21          | 0.724               | 59        | 36          | 0.610               | 2820     | 1325        | 0.470               |
| 31  | 5509    | 8261   | 209179 | <a href="#">Juarez Antonio Simoes Quaresma</a> |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Medical and Health Sciences / Pathology</a><br>Medicina   Imunologia   Patologia   Doenças Infecciosas   Saúde Pública e Sustentabilidade                                    | 29      | 22          | 0.759               | 78        | 54          | 0.692               | 2817     | 1776        | 0.630               |
| 402   | 5510    | 8262   | 209208 | <a href="#">Denise Vaz De Macedo</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>radicais livres   exercício físico   overtraining   ensino   | 29      | 16          | 0.552               | 59        | 24          | 0.407               | 2812     | 887         | 0.315               |
| 5   | 5511    | 8263   | 209226 | <a href="#">Fernanda Roberta Marciano</a>      |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                               | <a href="#">Universidade Federal do Piauí</a>  | 29      | 24          | 0.828               | 89        | 65          | 0.730               | 2809     | 1830        | 0.651               |
| 1513  | 5512    | 8266   | 209290 | <a href="#">Sylvia Matumoto</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Ribeirão Preto</a><br>Enfermagem   Saúde Coletiva   Atenção Primária em Saúde   Processo de Trabalho em Saúde   Educação Permanente em Saúde                                 | 29      | 16          | 0.552               | 58        | 30          | 0.517               | 2800     | 1052        | 0.376               |
| 342   | 5513    | 8267   | 209332 | <a href="#">AFM Camargo</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Limnology   Aquatic Macrophytes   | 29      | 17          | 0.586               | 72        | 31          | 0.431               | 2794     | 927         | 0.332               |
| 1514  | 5514    | 8268   | 209335 | <a href="#">Marcos Santos</a>                  |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Biologia da conservação de Cetáceos  | 29      | 17          | 0.586               | 61        | 38          | 0.623               | 2794     | 1023        | 0.366               |
| 343   | 5515    | 8272   | 209393 | <a href="#">Andre Rodrigues Dos Reis</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">CampusTupã</a><br>Biofortificação de alimentos   metabolismo do selênio e zinco em plantas   fitorremediação de metais e compostos orgânicos                                 | 29      | 27          | 0.931               | 74        | 65          | 0.878               | 2785     | 2330        | 0.837               |
| 1515  | 5516    | 8273   | 209395 | <a href="#">Luciana Corrêa</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral tissue repair   photodynamic therapy   laser therapy   bone repair   | 29      | 21          | 0.724               | 64        | 49          | 0.766               | 2785     | 1501        | 0.539               |
| 140   | 5517    | 8274   | 209401 | <a href="#">Martha Cristina Nunes Moreira</a>  |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Instituto Fernandes Figueira / FIOCRUZ</a><br>Circuitos de dádiva e redes sociais em saúde   Narrativas   memória e experiências de cuidado   Antropologia e Sociologia do C | 29      | 22          | 0.759               | 59        | 46          | 0.780               | 2784     | 1596        | 0.573               |
| 49  | 5518    | 8275   | 209415 | <a href="#">Jorge Luis Nicolas Audy</a>        |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">SistemasInformaçãoRS</a><br>relativitas umum   | 29      | 14          | 0.483               | 61        | 15          | 0.246               | 2782     | 854         | 0.307               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 134   | 5519    | 8278   | 209489 | <a href="#">Lilia Coronato Courrol</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Natural Sciences / Physics</a><br>Espectroscopia óptica   nanotecnologia   biossensores   biomarcadores de aterosclerose e cancer                                | 29      | 16          | 0.552               | 80        | 28          | 0.350               | 2773     | 1001        | 0.361               |
| 1516  | 5520    | 8279   | 209495 | <a href="#">Sonia Barros</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">SaúMentalEEP</a><br>saude mental   enfermagem psiquiátrica   enfermagem em saúde mental  | 29      | 15          | 0.517               | 72        | 29          | 0.403               | 2772     | 957         | 0.345               |
| 141   | 5521    | 8280   | 209509 | <a href="#">Yara Gomes</a>                    |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ciências Biológicas   | 29      | 17          | 0.586               | 65        | 30          | 0.462               | 2769     | 847         | 0.306               |
| 6   | 5522    | 8285   | 209566 | <a href="#">Tulio Hallak Panzera</a>          |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>   | <a href="#">SÁfoJoÃfoReiUFSJ(Brazil)</a><br>Hybrid composites   Auxetic structures   Natural fibres   Sandwich panels   Aerostatic bearings                                  | 29      | 25          | 0.862               | 85        | 69          | 0.812               | 2760     | 2051        | 0.743               |
| 16  | 5523    | 8287   | 209602 | <a href="#">Francisco A Brito</a>             |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>          | <a href="#">Natural Sciences / Physics</a><br>Field Theory   Gravitation and Cosmology   | 29      | 18          | 0.621               | 70        | 50          | 0.714               | 2754     | 1161        | 0.422               |
| 63  | 5524    | 8288   | 209607 | <a href="#">Roselei Fachinnetto</a>           |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Medical and Health Sciences / Physiology</a><br>Doenças motoras   sistema dopaminérgico   antioxidantes   estresse oxidativo   doenças neurodegenerativas        | 29      | 16          | 0.552               | 52        | 30          | 0.577               | 2754     | 1018        | 0.370               |
| 101   | 5525    | 8289   | 209618 | <a href="#">Paulo Teixeira Lacava</a>         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia Aplicada   Agrícola e Ambiental  | 29      | 21          | 0.724               | 44        | 32          | 0.727               | 2753     | 1417        | 0.515               |
| 1517  | 5526    | 8293   | 209640 | <a href="#">Andre C Morandini</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>jellyfish   systematics   life cycle   invertebrates   scyphozoa  | 29      | 20          | 0.690               | 76        | 47          | 0.618               | 2748     | 1492        | 0.543               |
| 46  | 5527    | 8295   | 209681 | <a href="#">Wander Pavanelli</a>              |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Parasitologia   Patologia   | 29      | 24          | 0.828               | 64        | 57          | 0.891               | 2742     | 1842        | 0.672               |
| 38  | 5528    | 8297   | 209700 | <a href="#">Flavio Bezerra Costa</a>          |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Norte</a>     | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a>   | 29      | 24          | 0.828               | 57        | 41          | 0.719               | 2740     | 1869        | 0.682               |
| 403   | 5529    | 8299   | 209732 | <a href="#">Michel Zamboni Rached</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Engenharia Elétrica  | 29      | 21          | 0.724               | 51        | 34          | 0.667               | 2735     | 1288        | 0.471               |
| 224   | 5530    | 8300   | 209742 | <a href="#">Paulo Niederle</a>                |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Sociology</a><br>Sociologia rural   Sociologia Econômica   Sociologia das Instituições   Sociologia da Alimentação   Sociologia das convenções | 29      | 24          | 0.828               | 66        | 58          | 0.879               | 2734     | 1871        | 0.684               |
| 10  | 5531    | 8301   | 209798 | <a href="#">Laura Maria Molina Meletti</a>    |  Brazil | <a href="#">Instituto Agrônomo</a>                              | <a href="#">Pesquisador Científico VI, Instituto Agronomico Campinas, SP</a><br>produção vegetal   fruticultura   produção de sementes   melhoramento genético   maracuja    | 29      | 17          | 0.586               | 48        | 28          | 0.583               | 2724     | 950         | 0.349               |
| 135   | 5532    | 8304   | 209844 | <a href="#">Ademar Arthur Chioro Dos Reis</a> |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Univ.Fed..PaulistMedicina.Dep.Medicinaâ€¦</a><br>Saúde Coletiva. Política   Planejamento e Gestão em Saúde.  | 29      | 25          | 0.862               | 40        | 36          | 0.900               | 2716     | 2272        | 0.837               |
| 57  | 5533    | 8305   | 209847 | <a href="#">Leonardo Dos Santos Antunes</a>   |  Brazil | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   biologia molecular   odontopediatria   | 29      | 25          | 0.862               | 85        | 70          | 0.824               | 2714     | 1858        | 0.685               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 125   | 5534    | 8308   | 209873 | <a href="#">Patricia De Souza Brocardo</a>            |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências  | 29      | 23          | 0.793               | 46        | 42          | 0.913               | 2711     | 1458        | 0.538               |
| 41  | 5535    | 8310   | 209888 | <a href="#">Paulo Borges Rodrigues</a>                |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição e Alimentação Animal   Avaliação de Alimentos   Exigências Nutricionais   Aves                               | 29      | 12          | 0.414               | 86        | 26          | 0.302               | 2707     | 859         | 0.317               |
| 112   | 5536    | 8311   | 209892 | <a href="#">Denise Navia</a>                          |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisadora Embrapa Recursos Genéticos e Biotecnologia</a><br>Entomologia Agrícola   Acarologia Agrícola   Defesa Fitossanitária   Sistemática Molecular   Controle Biológico | 29      | 20          | 0.690               | 65        | 41          | 0.631               | 2707     | 1210        | 0.447               |
| 78  | 5537    | 8312   | 209903 | <a href="#">Pedro Soares Vidigal Filho</a>            |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Fisiologia Vegetal   Fitotecnia   Manejo de Culturas   Caracterização de Germoplasma.                              | 29      | 16          | 0.552               | 78        | 31          | 0.397               | 2705     | 987         | 0.365               |
| 239   | 5538    | 8316   | 209925 | <a href="#">Ronald Kennedy Luz</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>aquicultura  | 29      | 19          | 0.655               | 81        | 52          | 0.642               | 2702     | 1510        | 0.559               |
| 344   | 5539    | 8317   | 209927 | <a href="#">Maria Luiza Cotrim Sartor De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">MediciBotucatu</a><br>Carcinogênese química   Citologia oncológica   | 29      | 16          | 0.552               | 66        | 31          | 0.470               | 2702     | 980         | 0.363               |
| 79  | 5540    | 8318   | 209941 | <a href="#">Haroldo Valentin Ribeiro</a>              |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Physics</a><br>Complex Systems   Statistical Physics   Anomalous Diffusion   Data Analysis  | 29      | 22          | 0.759               | 64        | 50          | 0.781               | 2701     | 2059        | 0.762               |
| 80  | 5541    | 8320   | 210014 | <a href="#">Silvana Marques De Araújo</a>             |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Homeopatia   Imunologia   Doença de Chagas   Internacionalização   | 29      | 15          | 0.517               | 80        | 30          | 0.375               | 2691     | 882         | 0.328               |
| 345   | 5542    | 8321   | 210037 | <a href="#">Hideko Yamanaka</a>                       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | eletroanalítica  | 29      | 14          | 0.483               | 50        | 28          | 0.560               | 2688     | 969         | 0.360               |
| 72  | 5543    | 8322   | 210040 | <a href="#">Haroldo Paiva</a>                         |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     |  | 29      | 17          | 0.586               | 79        | 45          | 0.570               | 2687     | 1113        | 0.414               |
| 32  | 5544    | 8323   | 210041 | <a href="#">André Nemésio</a>                         |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">UberlândiaBrazil</a><br>Orchid bees   Hymenoptera   Apidae   Euglossini   Conservation   | 29      | 16          | 0.552               | 72        | 24          | 0.333               | 2687     | 742         | 0.276               |
| 225   | 5545    | 8324   | 210062 | <a href="#">Aldo Merotto</a>                          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomy   Weed Management   Weed Ecophysiology   Herbicide Resistant Crops and Weeds  | 29      | 17          | 0.586               | 70        | 37          | 0.529               | 2683     | 1260        | 0.470               |
| 226   | 5546    | 8325   | 210066 | <a href="#">Luciano Casagrande</a>                    |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Health   | 29      | 22          | 0.759               | 44        | 37          | 0.841               | 2683     | 1361        | 0.507               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 73  | 5547    | 8328   | 210083 | <a href="#">Maria Lúcia Calijuri</a>                       | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | algal biomass   bioenergy   wastewater treatment   wetland   SIG  | 29      | 23          | 0.793               | 76        | 51          | 0.671               | 2680     | 1727        | 0.644               |
| 1518  | 5548    | 8329   | 210084 | <a href="#">Mirian Aiko Nakane Matsumoto</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortodontia  | 29      | 18          | 0.621               | 67        | 49          | 0.731               | 2680     | 1228        | 0.458               |
| 81  | 5549    | 8331   | 210155 | <a href="#">Emy Luiza Ishii Iwamoto</a>                    | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Metabolism   Bionergetics   Biological Oxidations   Metabolic diseases   Allelopathy  | 29      | 17          | 0.586               | 76        | 29          | 0.382               | 2669     | 955         | 0.358               |
| 1519  | 5550    | 8332   | 210156 | <a href="#">Marcelo Corrêa Alves</a>                       | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   ecologia   anatomia   odontologia   computação  | 29      | 17          | 0.586               | 62        | 32          | 0.516               | 2669     | 1072        | 0.402               |
| 10  | 5551    | 8334   | 210170 | <a href="#">Vanderlei Folmer</a>                           | <br>Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Diabetes mellitus   Oxidative Stress   Educação em Ciências   Science Education                                  | 29      | 19          | 0.655               | 72        | 46          | 0.639               | 2667     | 1326        | 0.497               |
| 1520  | 5552    | 8336   | 210192 | <a href="#">Andrea Simone Stucchi De Camargo</a>           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Luminescence   Host-guest materials   Glasses and Glass Ceramics  | 29      | 22          | 0.759               | 89        | 51          | 0.573               | 2664     | 1483        | 0.557               |
| 103   | 5553    | 8337   | 210193 | <a href="#">Guilherme M Gelfuso</a>                        | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Nanotecnologia Farmacêutica   Iontoforese   Sistemas de liberação tópica e transdérmica de fármacos | 29      | 26          | 0.897               | 69        | 64          | 0.928               | 2664     | 2032        | 0.763               |
| 404   | 5554    | 8338   | 210197 | <a href="#">Maricilda Palandi De Mello</a>                 | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Molecular Humana  | 29      | 15          | 0.517               | 95        | 38          | 0.400               | 2663     | 959         | 0.360               |
| 346   | 5555    | 8339   | 210208 | <a href="#">Valber A Pedrosa</a>                           | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Chemistry   Biosensor   Smart Material   CTCs  | 29      | 18          | 0.621               | 56        | 37          | 0.661               | 2662     | 1057        | 0.397               |
| 21  | 5556    | 8340   | 210229 | <a href="#">Manuel Hermínio De Aguiar Oliveira</a>         | <br>Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia   GH   IGF-I   Crescimento   Longevidade   | 29      | 17          | 0.586               | 67        | 38          | 0.567               | 2657     | 1004        | 0.378               |
| 347   | 5557    | 8341   | 210230 | <a href="#">Maria Antonieta De Barros Leite Carvalhaes</a> | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição materno-infantil   nutrição em saúde coletiva   consumo alimentar   crescimento infantil                  | 29      | 17          | 0.586               | 62        | 35          | 0.565               | 2657     | 1069        | 0.402               |
| 113   | 5558    | 8342   | 210237 | <a href="#">Jerri Édson Zilli</a>                          | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Pesquisador em Microbiologia do Solo, Embrapa Agrobiologia</a><br>Fixação biológica de nitrogênio   taxonomia bacteriana   coleção de culturas                                  | 29      | 23          | 0.793               | 65        | 49          | 0.754               | 2656     | 1620        | 0.610               |
| 1   | 5559    | 8343   | 210239 | <a href="#">Patricia Maluf Cury</a>                        | <br>Brazil | <a href="#">Faculdade Ceres FACERES</a>                                | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia   cuidados paliativos   câncer   educação medica   | 29      | 13          | 0.448               | 63        | 23          | 0.365               | 2656     | 719         | 0.271               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1521  | 5560    | 8344   | 210259 | <a href="#">Julio Cezar Adamowski</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Mechatronics Engineering</a><br>ultrasonics   piezoelectric transducers   machine tool design                              | 29      | 21          | 0.724               | 58        | 39          | 0.672               | 2654     | 1356        | 0.511               |
| 240   | 5561    | 8345   | 210270 | <a href="#">Francisco Carlos Félix Lana</a>       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Saúde pública   epidemiologia   hanseníase   políticas de saúde                       | 29      | 21          | 0.724               | 79        | 53          | 0.671               | 2653     | 1378        | 0.519               |
| 1522  | 5562    | 8346   | 210282 | <a href="#">Antonio Augusto Lopes</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   Cardiopatias Congênicas   Hipertensão Pulmonar   Circulação Pulmonar   Disfunção Endotelial | 29      | 13          | 0.448               | 58        | 18          | 0.310               | 2652     | 756         | 0.285               |
| 12  | 5563    | 8349   | 210300 | <a href="#">Marcos Paz Saraiva Camara</a>         |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>fitopatologia   micologia   fungos   filogenia   taxonomia  | 29      | 23          | 0.793               | 56        | 42          | 0.750               | 2650     | 1725        | 0.651               |
| 37  | 5564    | 8352   | 210344 | <a href="#">Paulo Batista Gonçalves</a>           |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">PUC-Rio</a><br>nonlinear dynamics and structural stability  | 29      | 17          | 0.586               | 73        | 44          | 0.603               | 2644     | 1072        | 0.405               |
| 11  | 5565    | 8354   | 210366 | <a href="#">Ana Maria</a>                         |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Química Ambiental   Geoquímica Analítica   Geoquímica Ambiental                           | 29      | 17          | 0.586               | 68        | 31          | 0.456               | 2641     | 895         | 0.339               |
| 1523  | 5566    | 8357   | 210405 | <a href="#">Flaviana Bombarda De Andrade</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>endodontia   microbiologia oral  | 29      | 25          | 0.862               | 57        | 49          | 0.860               | 2636     | 1657        | 0.629               |
| 52  | 5567    | 8358   | 210406 | <a href="#">André Galembeck</a>                   |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Nanotechnology   Polymers   | 29      | 18          | 0.621               | 53        | 30          | 0.566               | 2636     | 1382        | 0.524               |
| 1524  | 5568    | 8359   | 210409 | <a href="#">Maria Lúcia</a>                       |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">NoveJulho</a><br>Diabetes mellitus  | 29      | 18          | 0.621               | 74        | 42          | 0.568               | 2635     | 1205        | 0.457               |
| 136   | 5569    | 8360   | 210420 | <a href="#">Denise Freitas</a>                    |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>eye diseases   cornea  | 29      | 15          | 0.517               | 78        | 25          | 0.321               | 2633     | 848         | 0.322               |
| 32  | 5570    | 8363   | 210442 | <a href="#">Cristovam Wanderley Picanço Diniz</a> |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Neuronflamação   Neurodegeneração   Infecção   Visão   | 29      | 14          | 0.483               | 67        | 26          | 0.388               | 2629     | 831         | 0.316               |
| 9   | 5571    | 8364   | 210447 | <a href="#">Maria Fernanda Cury Boaventura</a>    |  Brazil | <a href="#">Universidade Cruzeiro do Sul</a>                               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição Esportiva   Nutrição Parenteral   Fisiologia   Biologia Molecular e Genética        | 29      | 18          | 0.621               | 46        | 32          | 0.696               | 2629     | 1038        | 0.395               |
| 5   | 5572    | 8368   | 210488 | <a href="#">Siomar De Castro Soares</a>           |  Brazil | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   comparative genomics and Bioinformatics   | 29      | 22          | 0.759               | 66        | 45          | 0.682               | 2622     | 1524        | 0.581               |











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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 5573    | 8369   | 210496 | <a href="#">Uribe Opazo Miguel Angel</a>           | <br>Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>      | <a href="#">Natural Sciences / Mathematics</a><br>Estatística Espacial   Agricultura de Precisão   Modelagem Estatística   Métodos Estatísticos                           | 29      | 16          | 0.552               | 77        | 29          | 0.377               | 2621     | 1024        | 0.391               |
| 102   | 5574    | 8370   | 210502 | <a href="#">Giselle Dupas</a>                      | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">SÃO Carlos UFSCar</a>   | 29      | 16          | 0.552               | 72        | 39          | 0.542               | 2620     | 1100        | 0.420               |
| 224   | 5575    | 8371   | 210560 | <a href="#">Ofelia De Queiroz Fernandes Araujo</a> | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Engineering</a><br>CO2 Capture and Utilization   Sustainability   Decarbonization   Natural Gas Processing   Energy Transition | 29      | 24          | 0.828               | 75        | 58          | 0.773               | 2609     | 1831        | 0.702               |
| 142   | 5576    | 8373   | 210584 | <a href="#">Gabriel Oliveira</a>                   | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia   etologia   parasitologia e biologia celular   | 29      | 19          | 0.655               | 63        | 45          | 0.714               | 2606     | 1339        | 0.514               |
| 227   | 5577    | 8374   | 210595 | <a href="#">Eliane Angela Veit</a>                 | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">IFUFRGS</a>   | 29      | 21          | 0.724               | 52        | 32          | 0.615               | 2605     | 1148        | 0.441               |
| 1525  | 5578    | 8375   | 210598 | <a href="#">Fernando Ribeiro Gomes</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia evolutiva   Fisiologia ecológica   Endocrinologia comparada  | 29      | 22          | 0.759               | 57        | 48          | 0.842               | 2604     | 1341        | 0.515               |
| 348   | 5579    | 8376   | 210612 | <a href="#">Fabio Augusto Barbieri</a>             | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Biomechanics Motor Control Parkinson's disease Sports </a><br>Biomechanics   Motor Control   Parkinson's disease   Sports                                     | 29      | 22          | 0.759               | 80        | 61          | 0.763               | 2602     | 1723        | 0.662               |
| 1526  | 5580    | 8378   | 210662 | <a href="#">Rosana Camarini</a>                    | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>addiction   | 29      | 17          | 0.586               | 56        | 35          | 0.625               | 2595     | 1085        | 0.418               |
| 143   | 5581    | 8380   | 210675 | <a href="#">Ana Paula Carvalho-Assef</a>           | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Infecção Hospitalar   Bacilos Gram negativos  | 29      | 21          | 0.724               | 54        | 38          | 0.704               | 2593     | 1241        | 0.479               |
| 225   | 5582    | 8384   | 210702 | <a href="#">Bruno L Diaz</a>                       | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>pharmacology   cell biology   lipid mediators                                     | 29      | 18          | 0.621               | 55        | 33          | 0.600               | 2587     | 946         | 0.366               |
| 114   | 5583    | 8385   | 210728 | <a href="#">Gustavo Ribeiro Xavier</a>             | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador</a><br>Fixação Biológica de Nitrogênio   Ecologia Microbiana   Microbiologia do Solo  | 29      | 16          | 0.552               | 58        | 32          | 0.552               | 2582     | 1073        | 0.416               |
| 144   | 5584    | 8387   | 210768 | <a href="#">Maria Ogrzewalska</a>                  | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">FioCruz</a><br>Zoonotic spillover and emerging viral diseases   Emerging diseases   tick-Borne-Diseases   | 29      | 23          | 0.793               | 52        | 44          | 0.846               | 2576     | 1414        | 0.549               |
| 405   | 5585    | 8388   | 210772 | <a href="#">Fernando Aparecido Sigoli</a>          | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Lanthanides   | 29      | 22          | 0.759               | 72        | 49          | 0.681               | 2575     | 1467        | 0.570               |
| 1527  | 5586    | 8389   | 210776 | <a href="#">Zulema Abraham</a>                     | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Astronomy   | 29      | 14          | 0.483               | 57        | 18          | 0.316               | 2575     | 521         | 0.202               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1528  | 5587    | 8390   | 210782 | <a href="#">Cristiano M Gomes</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neurology</a><br>Disfunções Micionais   Incontinência urinária   Uroneurologia   Doenças da Próstata   Disfunções sexuais | 29      | 18          | 0.621               | 61        | 37          | 0.607               | 2574     | 1086        | 0.422               |
| 406   | 5588    | 8391   | 210804 | <a href="#">Eleonore Zulnara Freire Setz</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   | 29      | 21          | 0.724               | 68        | 34          | 0.500               | 2571     | 1145        | 0.445               |
| 349   | 5589    | 8392   | 210824 | <a href="#">Eleonora Cano Carmona</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Microbiologia Aplicada   Bioquímica de Microrganismos   Enzimologia   | 29      | 19          | 0.655               | 45        | 35          | 0.778               | 2568     | 1225        | 0.477               |
| 1529  | 5590    | 8393   | 210826 | <a href="#">João Paulo Mardegan Issa</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>reparo ósseo  | 29      | 18          | 0.621               | 76        | 45          | 0.592               | 2567     | 1297        | 0.505               |
| 350   | 5591    | 8396   | 210855 | <a href="#">Leonardo Pezza</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Eletroanalítica   Métodos Óticos de Análise   Espectroscopia                            | 29      | 18          | 0.621               | 78        | 38          | 0.487               | 2563     | 1309        | 0.511               |
| 145   | 5592    | 8397   | 210861 | <a href="#">Rachel A. Hauser Davis</a>           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Researcher - FIOCRUZ</a><br>Biomarkers   public health   metallomics   proteomics   oxidative stress  | 29      | 23          | 0.793               | 69        | 60          | 0.870               | 2562     | 2097        | 0.819               |
| 47  | 5593    | 8400   | 210893 | <a href="#">Alexandre Vasconcellos</a>           |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | Termitology   Termites   Community Ecology   Ecosystem Ecology  | 29      | 20          | 0.690               | 64        | 43          | 0.672               | 2558     | 1229        | 0.480               |
| 407   | 5594    | 8401   | 210895 | <a href="#">Ana Paula De Souza</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Biologia Molecular   Epigenética   Genética   | 29      | 18          | 0.621               | 44        | 31          | 0.705               | 2558     | 1071        | 0.419               |
| 1530  | 5595    | 8405   | 210947 | <a href="#">Ana Maria Roselino</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Dermatologia   | 29      | 15          | 0.517               | 73        | 28          | 0.384               | 2550     | 882         | 0.346               |
| 103   | 5596    | 8408   | 210970 | <a href="#">Ana Paula Da Luz</a>                 |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   Refratários   Concretos                       | 29      | 24          | 0.828               | 79        | 68          | 0.861               | 2546     | 1744        | 0.685               |
| 1531  | 5597    | 8410   | 210996 | <a href="#">Ídalina Vieira Aoki</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>corrosão   revestimentos   inibidores de corrosão   proteção  | 29      | 21          | 0.724               | 50        | 43          | 0.860               | 2542     | 1182        | 0.465               |
| 97  | 5598    | 8411   | 210999 | <a href="#">Carlos Alberto Santos De Almeida</a> |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Physics</a><br>Teoria Quântica de Campos   Cosmologia   Gravitação   Solitons  | 29      | 18          | 0.621               | 69        | 49          | 0.710               | 2541     | 1239        | 0.488               |
| 228   | 5599    | 8412   | 211011 | <a href="#">Luis Gustavo Corbellini</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia   estatística   microbiologia   alimentos                             | 29      | 20          | 0.690               | 67        | 45          | 0.672               | 2539     | 1353        | 0.533               |
| 47  | 5600    | 8413   | 211026 | <a href="#">Andrea Name Colado Simao</a>         |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia Básica   Imunologia Clínica   Diagnóstico Molecular  | 29      | 22          | 0.759               | 57        | 50          | 0.877               | 2536     | 1684        | 0.664               |














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|---|---------|--------|--------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1532  | 5601    | 8414   | 211038 | <a href="#">Gilda Maria Barbaro Del Negro</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Medical Microbiology</a><br>Medical mycology   molecular biology  | 29      | 17          | 0.586               | 72        | 29          | 0.403               | 2534     | 878         | 0.346               |
| 48  | 5602    | 8416   | 211051 | <a href="#">Delio Marques Conde</a>           |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Ginecologia   Mastologia   | 29      | 17          | 0.586               | 53        | 30          | 0.566               | 2532     | 968         | 0.382               |
| 1533  | 5603    | 8417   | 211055 | <a href="#">Andrea Bernardes</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto São João</a><br>Gestão Hospitalar   Organização e Gestão   Urgência e Emergência.  | 29      | 23          | 0.793               | 65        | 55          | 0.846               | 2531     | 1615        | 0.638               |
| 351   | 5604    | 8418   | 211069 | <a href="#">Carlos Cesar Crestani</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neuropharmacology   cardiovascular control   psychiatric diseases   stress   exercise.              | 29      | 19          | 0.655               | 73        | 49          | 0.671               | 2528     | 1424        | 0.563               |
| 352   | 5605    | 8419   | 211070 | <a href="#">João Lauro V Camargo</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia   Toxicologia   Saúde Humana Meio Ambiente   | 29      | 14          | 0.483               | 65        | 22          | 0.338               | 2528     | 732         | 0.290               |
| 68  | 5606    | 8420   | 211103 | <a href="#">Neander Abreu</a>                 |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Social Sciences / Psychology</a><br>Neuropsychology   Tests   Neurotoxicology   Cognition   Clinical Neuropsychology                                  | 29      | 22          | 0.759               | 44        | 39          | 0.886               | 2524     | 1490        | 0.590               |
| 82  | 5607    | 8421   | 211110 | <a href="#">Luis Carlos Malacarne</a>         |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Physics</a><br>Photothermal science   statistics mechanics   | 29      | 16          | 0.552               | 75        | 43          | 0.573               | 2522     | 1108        | 0.439               |
| 353   | 5608    | 8424   | 211122 | <a href="#">Rui Seabra Ferreira Junior</a>    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Medicina Translacional   Medicina Veterinária   Toxinologia   Drug Discovery   Research and Development   | 29      | 26          | 0.897               | 70        | 63          | 0.900               | 2520     | 1725        | 0.685               |
| 1534  | 5609    | 8426   | 211133 | <a href="#">Ricardo Santos De Oliveira</a>    |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Neurocirurgia   neuro-oncologia   neurocirurgia pediátrica   hidrocefalia   craniofacial            | 29      | 18          | 0.621               | 62        | 42          | 0.677               | 2519     | 1189        | 0.472               |
| 104   | 5610    | 8428   | 211145 | <a href="#">Waldir Avansi Junior</a>          |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotecnologia   | 29      | 23          | 0.793               | 46        | 36          | 0.783               | 2517     | 1413        | 0.561               |
| 126   | 5611    | 8431   | 211230 | <a href="#">Louis Pergaud Sandjo</a>          |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Natural products chemistry  | 29      | 25          | 0.862               | 72        | 57          | 0.792               | 2501     | 1881        | 0.752               |
| 137   | 5612    | 8433   | 211237 | <a href="#">Alessandra Medeiros</a>           |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Exercise Training   Hypertension   Heart Failure   Molecular Biology   Exercise Physiology | 29      | 20          | 0.690               | 43        | 32          | 0.744               | 2501     | 1101        | 0.440               |
| 1535  | 5613    | 8434   | 211258 | <a href="#">Renata Mota Mamede Carvalho</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Universid São Paulo</a><br>Fonoaudiologia   | 29      | 12          | 0.414               | 72        | 21          | 0.292               | 2496     | 603         | 0.242               |
| 408   | 5614    | 8437   | 211308 | <a href="#">Erich Vinicius De Paula</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology  | 29      | 20          | 0.690               | 67        | 43          | 0.642               | 2487     | 1394        | 0.561               |

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| University  | Country | Region | World  | Name   | Country   | University                                      | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 42  | 5615    | 8438   | 211323 | <a href="#">Geraldo César De Oliveira</a>      | <br>Brazil   | Universidade Federal de Lavras UFLA             | <a href="#">DoSoloUniversidLavras</a><br>Manejo do Solo   Estrutura do solo   agregação do solo   | 29      | 18          | 0.621               | 65        | 42          | 0.646               | 2485     | 1119        | 0.450               |
| 98  | 5616    | 8440   | 211380 | <a href="#">Débora Castelo Branco</a>          | <br>Brazil   | Universidade Federal do Ceará                   | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia médica   microbiologia veterinária   bacteriologia   micologia   animais silvestres | 29      | 23          | 0.793               | 78        | 65          | 0.833               | 2475     | 1763        | 0.712               |
| 229   | 5617    | 8442   | 211393 | <a href="#">Letícia Koester</a>                | <br>Brazil   | Universidade Federal do Rio Grande do Sul UFRGS | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>tecnologia farmacêutica   controle de qualidade                         | 29      | 23          | 0.793               | 62        | 51          | 0.823               | 2473     | 1615        | 0.653               |
| 43  | 5618    | 8443   | 211404 | <a href="#">Elaine FF Da Cunha</a>             | <br>Brazil   | Universidade Federal de Lavras UFLA             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Medicinal Chemistry   | 29      | 17          | 0.586               | 83        | 45          | 0.542               | 2470     | 1196        | 0.484               |
| 39  | 5619    | 8444   | 211450 | <a href="#">Dyego Leandro Bezerra De Souza</a> | <br>Brazil   | Universidade Federal do Rio Grande do Norte     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health   Epidemiology   Chronic diseases   Cancer                        | 29      | 24          | 0.828               | 60        | 50          | 0.833               | 2461     | 1860        | 0.756               |
| 4   | 5620    | 8446   | 211478 | <a href="#">João Alberto De Negri</a>          | <br>Brazil   | Instituto de Pesquisa Econômica Aplicada        | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia  | 29      | 12          | 0.414               | 59        | 17          | 0.288               | 2455     | 598         | 0.244               |
| 230   | 5621    | 8448   | 211502 | <a href="#">Vicente Castelo Branco Leitune</a> | <br>Brazil   | Universidade Federal do Rio Grande do Sul UFRGS | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Materiais Dentários  | 29      | 26          | 0.897               | 68        | 65          | 0.956               | 2451     | 1975        | 0.806               |
| 1536  | 5622    | 8449   | 211545 | <a href="#">Daniel R Cardoso</a>               | <br>Brazil   | Universidade de São Paulo USP                   | <a href="#">UniversidSão Paulo</a><br>Mechanistic Food Chemistry  | 29      | 15          | 0.517               | 65        | 33          | 0.508               | 2442     | 982         | 0.402               |
| 31  | 5623    | 8450   | 211549 | <a href="#">Luis Fernando Marins</a>           | <br>Brazil  | Universidade Federal do Rio Grande FURG         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   | 29      | 17          | 0.586               | 72        | 49          | 0.681               | 2441     | 1093        | 0.448               |
| 11  | 5624    | 8451   | 211560 | <a href="#">Maria Cristina Dos Santos</a>      | <br>Brazil | Universidade Federal do Amazonas UFAM           | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   animais peçonhentos   imunoglobulinas de peixes  | 29      | 18          | 0.621               | 54        | 35          | 0.648               | 2439     | 1148        | 0.471               |
| 12  | 5625    | 8452   | 211568 | <a href="#">Romulo Novaes</a>                  | <br>Brazil | Universidade Federal de Alfenas UNIFAL-MG       | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Morfologia   Histologia   Patologia   Doença de Chagas                                | 29      | 24          | 0.828               | 75        | 69          | 0.920               | 2437     | 1809        | 0.742               |
| 138   | 5626    | 8455   | 211601 | <a href="#">Kp Khemchandani</a>                | <br>Brazil | Universidade Federal de São Paulo UNIFESP       | <a href="#">Natural Sciences / Physics</a><br>physics   | 29      | 17          | 0.586               | 55        | 33          | 0.600               | 2430     | 895         | 0.368               |
| 139   | 5627    | 8456   | 211603 | <a href="#">Milena K Coló Brunialti</a>        | <br>Brazil | Universidade Federal de São Paulo UNIFESP       | <a href="#">Natural Sciences / Biological Science</a><br>Flow Cytometry   Immunology   Sepsis   COVID-19  | 29      | 18          | 0.621               | 46        | 29          | 0.630               | 2430     | 1109        | 0.456               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 83  | 5628    | 8457   | 211606 | <a href="#">Ricardo Henrique Moreton Godoi</a>     |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                   | Poluição Atmosférica   | 29      | 19          | 0.655               | 61        | 35          | 0.574               | 2429     | 1276        | 0.525               |
| 83  | 5629    | 8458   | 211611 | <a href="#">Miguel Machinski Junior</a>            |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                                 | <a href="#">Toxicologi</a><br>Toxicologia   Análise Toxicológica   Ciência de Alimentos   Micotoxinas  | 29      | 22          | 0.759               | 56        | 38          | 0.679               | 2428     | 1531        | 0.631               |
| 1537  | 5630    | 8459   | 211613 | <a href="#">Carlos Alberto Vettorazzi</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geoprocessamento   sensoriamento remoto   sistemas de informação geográfica                       | 29      | 18          | 0.621               | 49        | 31          | 0.633               | 2428     | 1066        | 0.439               |
| 115   | 5631    | 8460   | 211628 | <a href="#">Paulo César Falanghe Carneiro</a>      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Embrapa Tabuleiros Costeiros</a>   | 29      | 18          | 0.621               | 54        | 33          | 0.611               | 2425     | 1031        | 0.425               |
| 127   | 5632    | 8461   | 211635 | <a href="#">Ivan H Bechtold</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   | 29      | 19          | 0.655               | 65        | 45          | 0.692               | 2424     | 1215        | 0.501               |
| 49  | 5633    | 8462   | 211671 | <a href="#">Kátia Fernandes</a>                    |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                                | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros   enzimas   imobilização   carboidratos                      | 29      | 21          | 0.724               | 60        | 43          | 0.717               | 2413     | 1305        | 0.541               |
| 1538  | 5634    | 8463   | 211677 | <a href="#">Aline Evangelista De Souza Gabriel</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Restorative Dentistry   Laser   Caries   Dental Esthetic   Root canal treatment                         | 29      | 18          | 0.621               | 56        | 35          | 0.625               | 2412     | 887         | 0.368               |
| 18  | 5635    | 8464   | 211681 | <a href="#">Dinara Jaqueline Moura</a>             |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">ToxicologiUniversidSaúPortoAlegre</a><br>toxicologia   biologia molecular   biologia celular   reparo de DNA   mutagênese                              | 29      | 20          | 0.690               | 60        | 47          | 0.783               | 2411     | 1398        | 0.580               |
| 1539  | 5636    | 8465   | 211692 | <a href="#">Alyne Simões Gonçalves</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Biologia oral   Terapias de fotobiomodulação   reparação tecidual   glândulas salivares   mucosite oral | 29      | 21          | 0.724               | 52        | 42          | 0.808               | 2409     | 1301        | 0.540               |
| 1540  | 5637    | 8466   | 211697 | <a href="#">Samantha Cristina Pinho</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>microencapsulação   | 29      | 24          | 0.828               | 53        | 42          | 0.792               | 2408     | 1703        | 0.707               |
| 2   | 5638    | 8467   | 211733 | <a href="#">Osmar Nascimento Silva</a>             |  Brazil | <a href="#">Centro Universitário de Anápolis UNIEVANGÉLICA</a>                   | <a href="#">Anápolis</a><br>antimicrobial peptides   antibacterial peptides   anticancer peptides   biotechnology  | 29      | 23          | 0.793               | 45        | 36          | 0.800               | 2400     | 1614        | 0.673               |
| 128   | 5639    | 8469   | 211759 | <a href="#">Eder Schmidt</a>                       |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology  | 29      | 21          | 0.724               | 64        | 46          | 0.719               | 2394     | 1289        | 0.538               |
| 231   | 5640    | 8470   | 211764 | <a href="#">Valter Stefani</a>                     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Química Forense   Espectroscopia Orgânica   Síntese Orgânica   Fotoquímica              | 29      | 13          | 0.448               | 56        | 17          | 0.304               | 2393     | 589         | 0.246               |

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| 1541  | 5641    | 8472   | 211782 | <a href="#">Tomás Navarro Rodriguez</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterologia   Motilidade Digestiva   Doenças do Esôfago e Estômago   Doenças Funcionais do Aparelho Digestivo. | 29      | 17          | 0.586               | 50        | 24          | 0.480               | 2387     | 736         | 0.308               |
| 8   | 5642    | 8474   | 211821 | <a href="#">Adenilda Cristina Honorio França</a> |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>         | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia Aplicada  | 29      | 18          | 0.621               | 70        | 52          | 0.743               | 2380     | 1135        | 0.477               |
| 11  | 5643    | 8475   | 211823 | <a href="#">Mônica Ferreira De Abreu</a>         |  Brazil   | <a href="#">Instituto Agrônomo</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   química   análise de solo   planta   substrato para plantas  | 29      | 13          | 0.448               | 46        | 20          | 0.435               | 2380     | 651         | 0.274               |
| 84  | 5644    | 8476   | 211834 | <a href="#">Roger Paulo Mormul</a>               |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Aquatic Ecology   Invasive Species   Trophic Interactions   Aquatic Macrophytes                                     | 29      | 23          | 0.793               | 56        | 47          | 0.839               | 2377     | 1693        | 0.712               |
| 64  | 5645    | 8477   | 211836 | <a href="#">Jessie Gutierrez</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | Memory   Exercise   Bioactive Compounds   Cholinergic System   Purinergic System   | 29      | 23          | 0.793               | 50        | 43          | 0.860               | 2377     | 1445        | 0.608               |
| 409   | 5646    | 8478   | 211842 | <a href="#">Roberta Cunha Matheus Rodrigues</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   Diabetes   Health behavior   Validation studies   Cultural adaptation   | 29      | 18          | 0.621               | 72        | 38          | 0.528               | 2375     | 1017        | 0.428               |
| 99  | 5647    | 8479   | 211846 | <a href="#">Celso Shiniti Nagano</a>             |  Brazil   | <a href="#">Universidade Federal do Ceará</a>               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>marine alga   Lectins  | 29      | 17          | 0.586               | 82        | 57          | 0.695               | 2373     | 1206        | 0.508               |
| 74  | 5648    | 8480   | 211854 | <a href="#">Renata Meira</a>                     |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>          | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomia Vegetal   Botânica   Taxonomia Vegetal   Anatomia Aplicada   Estruturas Secretoras                                   | 29      | 18          | 0.621               | 62        | 43          | 0.694               | 2371     | 1120        | 0.472               |
| 410   | 5649    | 8481   | 211873 | <a href="#">Alberto Cliquet Jr</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Reabilitação do lesado medular / Eng Biomedica / Estimulacao Neural                                      | 29      | 14          | 0.483               | 67        | 25          | 0.373               | 2368     | 793         | 0.335               |
| 1542  | 5650    | 8483   | 211901 | <a href="#">Maria Luiza Barreto Chaves</a>       |  Brazil  | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a>  | 29      | 17          | 0.586               | 65        | 32          | 0.492               | 2360     | 904         | 0.383               |
| 140   | 5651    | 8485   | 211944 | <a href="#">Maria Stella Figueiredo</a>          |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">AssocLivrePaulistMedicinUNIFESP</a><br>Anemias Adquiridas e Hereditárias   Metabolismo do ferro e de vitaminas envolvidas na eritropoese   Hemólise   Doença Falciforme    | 29      | 17          | 0.586               | 72        | 33          | 0.458               | 2347     | 921         | 0.392               |
| 105   | 5652    | 8488   | 211967 | <a href="#">Valeria Amorim Pires Di Lorenzo</a>  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia Respiratória   | 29      | 17          | 0.586               | 52        | 35          | 0.673               | 2339     | 1044        | 0.446               |
| 116   | 5653    | 8489   | 211969 | <a href="#">Alexandre Bryan Heinemann</a>        |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Agriculture &amp; Forestry / Crop Sciences</a><br>Crop Modelling Adaptation Enviromics Rice Beans  | 29      | 22          | 0.759               | 57        | 38          | 0.667               | 2337     | 1162        | 0.497               |
| 65  | 5654    | 8490   | 211989 | <a href="#">Giovani Zobot</a>                    |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | <a href="#">Federal University of Santa Maria</a>  | 29      | 26          | 0.897               | 72        | 64          | 0.889               | 2331     | 1918        | 0.823               |












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| 75  | 5655    | 8491   | 212013 | <a href="#">Eliseu José G Pereira</a>           | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomology and Pest Management   Insect-Plant Interactions   Plant Resistance   Crop Protection   Genetically Modified Crops | 29      | 20          | 0.690               | 48        | 37          | 0.771               | 2326     | 1208        | 0.519               |
| 58  | 5656    | 8493   | 212025 | <a href="#">Cicero Brasileiro De Mello Neto</a> | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>Biologia  | 29      | 18          | 0.621               | 46        | 32          | 0.696               | 2324     | 958         | 0.412               |
| 33  | 5657    | 8495   | 212041 | <a href="#">George Balster Martins</a>          | <br>Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Physics</a><br>Many-body Physics   Kondo Physics   Superconductivity  | 29      | 12          | 0.414               | 48        | 15          | 0.313               | 2320     | 411         | 0.177               |
| 141   | 5658    | 8496   | 212047 | <a href="#">Fabiola Isabel Suano Souza</a>      | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatra e Nutrição   | 29      | 19          | 0.655               | 59        | 36          | 0.610               | 2317     | 1072        | 0.463               |
| 26  | 5659    | 8498   | 212078 | <a href="#">Richard Diego Leite</a>             | <br>Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 |  | 29      | 19          | 0.655               | 45        | 32          | 0.711               | 2312     | 1173        | 0.507               |
| 13  | 5660    | 8500   | 212083 | <a href="#">Gilberto Maia</a>                   | <br>Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>catálise   eletroquímica   | 29      | 21          | 0.724               | 60        | 40          | 0.667               | 2310     | 1386        | 0.600               |
| 1543  | 5661    | 8501   | 212088 | <a href="#">Luciane Carla Alberici</a>          | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a>   | 29      | 21          | 0.724               | 64        | 47          | 0.734               | 2309     | 1218        | 0.528               |
| 1544  | 5662    | 8502   | 212090 | <a href="#">Erick Leite Bastos</a>              | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>fluorescent natural pigments   physical organic chemistry   photochemistry   | 29      | 23          | 0.793               | 55        | 38          | 0.691               | 2308     | 1261        | 0.546               |
| 146   | 5663    | 8503   | 212099 | <a href="#">Richard Hemmi Valente</a>           | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Protein Chemistry   Proteomics   Toxinology   | 29      | 18          | 0.621               | 53        | 35          | 0.660               | 2303     | 1114        | 0.484               |
| 50  | 5664    | 8506   | 212168 | <a href="#">Maria Margareth Veloso Naves</a>    | <br>Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>frutos nativos   compostos bioativos   nutrição experimental  | 29      | 21          | 0.724               | 48        | 29          | 0.604               | 2282     | 1241        | 0.544               |
| 104   | 5665    | 8507   | 212178 | <a href="#">Marcelo Valle De Sousa</a>          | <br>Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biochemistry   biotechnology   proteomics   mass spectrometry  | 29      | 16          | 0.552               | 53        | 35          | 0.660               | 2280     | 882         | 0.387               |
| 354   | 5666    | 8508   | 212199 | <a href="#">Miguel Angel Ramirez Gil</a>        | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Cerâmica eletrônica sustentabilidade nanotecnologia </a><br>Cerâmica eletrônica   sustentabilidade   nanotecnologia  | 29      | 19          | 0.655               | 65        | 33          | 0.508               | 2272     | 992         | 0.437               |
| 59  | 5667    | 8510   | 212215 | <a href="#">Mônica Diuana Calasans Maia</a>     | <br>Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Bioengenharia tecidual   Biologia Óssea   Estudos Pré-Clinicos e Clínicos em Biomateriais e Concentrados plaquetários       | 29      | 26          | 0.897               | 65        | 56          | 0.862               | 2268     | 1772        | 0.781               |
| 11  | 5668    | 8512   | 212248 | <a href="#">Giovani Benin</a>                   | <br>Brazil | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Melhoramento Genético Vegetal   cereais de inverno   soja   genética quantitativa e biométrica   marcadores moleculares.         | 29      | 19          | 0.655               | 56        | 30          | 0.536               | 2254     | 970         | 0.430               |

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| University  | Country | Region | World  | Name                                      | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 5669    | 8513   | 212253 | <a href="#">M Reza Dousti</a>             | <br>Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>    | <a href="#">Natural Sciences / Physics</a><br>Glass and Ceramics   Rare Earth Doped Glasses   Solid State Physics  | 29      | 22          | 0.759               | 49        | 42          | 0.857               | 2253     | 1271        | 0.564               |
| 142   | 5670    | 8514   | 212260 | <a href="#">Adriana Sanudo</a>            | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>         | <a href="#">UNIFESPEPM</a>   | 29      | 18          | 0.621               | 57        | 42          | 0.737               | 2251     | 1051        | 0.467               |
| 8   | 5671    | 8516   | 212284 | <a href="#">Douglas Cardoso Dragunski</a> | <br>Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Polymer   Adsorption   | 29      | 22          | 0.759               | 55        | 48          | 0.873               | 2243     | 1341        | 0.598               |
| 10  | 5672    | 8517   | 212317 | <a href="#">Gilberto Ramalho</a>          | <br>Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                      | <a href="#">Natural Sciences / Physics</a><br>Hadronic physics   | 29      | 17          | 0.586               | 47        | 40          | 0.851               | 2230     | 913         | 0.409               |
| 23  | 5673    | 8519   | 212322 | <a href="#">Andre C Felicio</a>           | <br>Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                | <a href="#">Hospital Israelita Albert Einstein, Sao Paulo, Brasil</a><br>Parkinson's disease   Neuroimaging   Movement disorders   | 29      | 15          | 0.517               | 66        | 36          | 0.545               | 2229     | 876         | 0.393               |
| 6   | 5674    | 8522   | 212383 | <a href="#">Rene De Oliveira Beleboni</a> | <br>Brazil   | <a href="#">Universidade de Ribeirão Preto UNAERP</a>             | <a href="#">Unaerp</a><br>Biotecnologia  | 29      | 19          | 0.655               | 45        | 29          | 0.644               | 2192     | 1043        | 0.476               |
| 232   | 5675    | 8524   | 212430 | <a href="#">Miriam Apel</a>               | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Fitoquímica  | 29      | 19          | 0.655               | 63        | 42          | 0.667               | 2173     | 1024        | 0.471               |
| 24  | 5676    | 8526   | 212445 | <a href="#">Wendel Andrade Alves</a>      | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry of Materials   | 29      | 19          | 0.655               | 67        | 45          | 0.672               | 2161     | 1210        | 0.560               |
| 11  | 5677    | 8527   | 212474 | <a href="#">Rosemari Otton</a>            | <br>Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                      | <a href="#">CruzeirodoSul</a><br>Obesity   polyphenols   green tea   diabetes   epigenetics  | 29      | 22          | 0.759               | 43        | 33          | 0.767               | 2142     | 1044        | 0.487               |
| 226   | 5678    | 8528   | 212476 | <a href="#">Jian Su</a>                   | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>            | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Engineering   Heat Transfer   Nuclear Engineering   Thermal Hydraulics   Transport Phenomena | 29      | 18          | 0.621               | 54        | 32          | 0.593               | 2141     | 948         | 0.443               |
| 33  | 5679    | 8529   | 212477 | <a href="#">André Salim Khayat</a>        | <br>Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Oncologia   Biologia Celular   Mutagenese  | 29      | 19          | 0.655               | 51        | 37          | 0.725               | 2141     | 1073        | 0.501               |
| 411   | 5680    | 8530   | 212491 | <a href="#">Fernanda Ramos Gadelha</a>    | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>         | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Parasitology   Reactive oxygen species  | 29      | 16          | 0.552               | 44        | 33          | 0.750               | 2130     | 860         | 0.404               |
| 1545  | 5681    | 8531   | 212494 | <a href="#">Cassius Vinicius Stevani</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>bioluminescence   chemiluminescence   metagenomics   organic chemistry   | 29      | 17          | 0.586               | 41        | 29          | 0.707               | 2128     | 931         | 0.438               |
| 117   | 5682    | 8532   | 212517 | <a href="#">Eveline Caixeta</a>           | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>       | <a href="#">Researcher of Embrapa</a><br>plant breeding   molecular markers   genomics   disease resistance   coffee   | 29      | 21          | 0.724               | 59        | 47          | 0.797               | 2109     | 1157        | 0.549               |

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| 9   | 5683    | 8533   | 212519 | <a href="#">Eduardo Luzia França</a>            |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunopatologia   | 29      | 18          | 0.621               | 64        | 47          | 0.734               | 2108     | 1029        | 0.488               |
| 16  | 5684    | 8534   | 212521 | <a href="#">Gilson Cesar Nobre Franco</a>       |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>                           | <a href="#">Universidade Estadual de Ponta Grossa</a>  | 29      | 20          | 0.690               | 51        | 37          | 0.725               | 2106     | 1003        | 0.476               |
| 1546  | 5685    | 8535   | 212542 | <a href="#">Ana Paula Sayuri Sato</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   | 29      | 24          | 0.828               | 47        | 43          | 0.915               | 2093     | 1651        | 0.789               |
| 355   | 5686    | 8539   | 212674 | <a href="#">Ademar Wong</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>               |  | 29      | 26          | 0.897               | 45        | 42          | 0.933               | 1980     | 1713        | 0.865               |
| 1547  | 5687    | 8540   | 212689 | <a href="#">Renato Paes De Almeida</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia Sedimentar   Tectônica e sedimentação   bacias sedimentares  | 29      | 22          | 0.759               | 50        | 39          | 0.780               | 1952     | 1246        | 0.638               |
| 356   | 5688    | 8541   | 212695 | <a href="#">Dijon Henrique Salome De Campos</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>               | <a href="#">Medicine Botucatu</a><br>Medicina   Experimentação animal   Função cardíaca   Coração  | 29      | 21          | 0.724               | 49        | 37          | 0.755               | 1935     | 1086        | 0.561               |
| 106   | 5689    | 8543   | 212712 | <a href="#">Ivani Carlos</a>                    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 29      | 15          | 0.517               | 47        | 27          | 0.574               | 1888     | 638         | 0.338               |
| 1   | 5690    | 8544   | 212720 | <a href="#">Fábio Rodrigues Ferreira Seiva</a>  |  Brazil   | <a href="#">Universidade Estadual do Norte do Paraná UENP</a>                        | <a href="#">NortUENP</a>   | 29      | 19          | 0.655               | 38        | 30          | 0.789               | 1870     | 1019        | 0.545               |
| 1   | 5691    | 8545   | 212749 | <a href="#">Carlos Frajuca</a>                  |  Brazil | <a href="#">Instituto Federal de Educação Ciência e Tecnologia de São Paulo IFSP</a> | high speed machines   gravitation   high mechanical Q materials   electromechanical transducers  | 29      | 18          | 0.621               | 46        | 29          | 0.630               | 1701     | 814         | 0.479               |
| 1548  | 5692    | 8546   | 212831 | <a href="#">Joao Manoel Silva Jr *</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Hospital das Clínicas</a><br>Saude   | 28      | 22          | 0.786               | 79        | 50          | 0.633               | 16521    | 12407       | 0.751               |
| 66  | 5693    | 8547   | 212836 | <a href="#">Arno Heldwein</a>                   |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agrometeorologia   Agronomia   | 28      | 15          | 0.536               | 72        | 24          | 0.333               | 16113    | 781         | 0.048               |
| 5   | 5694    | 8549   | 212955 | <a href="#">Marinez Ferreira de Siqueira</a>    |  Brazil | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Modelagem Preditiva   Conservação   Mudanças Climáticas  | 28      | 18          | 0.643               | 48        | 32          | 0.667               | 12006    | 3851        | 0.321               |
| 1549  | 5695    | 8556   | 213136 | <a href="#">Marcio Rogério Da Silva</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>ciências básicas   reabilitação pulmonar   imunologia   pneumologia   exercício físico | 28      | 19          | 0.679               | 45        | 29          | 0.644               | 8972     | 6724        | 0.749               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 76  | 5696    | 8557   | 213217 | <a href="#">Pedro Crescêncio Souza Carneiro</a>                  |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>        | <a href="#">Biometria</a><br>Biometria aplicada ao melhoramento genético  | 28      | 21          | 0.750               | 71        | 43          | 0.606               | 8204     | 2852        | 0.348               |
| 1550  | 5697    | 8558   | 213286 | <a href="#">Antonio Carlos Robert Moraes</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Geography</a><br>geografia   história   território   zona costeira   cartografia   | 28      | 20          | 0.714               | 59        | 30          | 0.508               | 7739     | 2187        | 0.283               |
| 1551  | 5698    | 8559   | 213318 | <a href="#">Jean Pierre Schatzmann Peron</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology  | 28      | 20          | 0.714               | 45        | 35          | 0.778               | 7526     | 5198        | 0.691               |
| 24  | 5699    | 8560   | 213343 | <a href="#">Ricardo Weinlich</a>                                 |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>        | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Cell Death   | 28      | 20          | 0.714               | 34        | 25          | 0.735               | 7360     | 4436        | 0.603               |
| 1552  | 5700    | 8564   | 213448 | <a href="#">Jurandyr Luciano Sanches Ross</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">USP</a>   | 28      | 23          | 0.821               | 54        | 32          | 0.593               | 6910     | 2329        | 0.337               |
| 412   | 5701    | 8566   | 213483 | <a href="#">Carmen Lucia Soares</a>                              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Education / Education</a><br>Educação   História da Educação e da Educação Física   História  | 28      | 19          | 0.679               | 54        | 35          | 0.648               | 6793     | 2504        | 0.369               |
| 227   | 5702    | 8571   | 213661 | <a href="#">Virginia Kastrup</a>                                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Social Sciences / Psychology</a><br>invention   arts   visual disability  | 28      | 21          | 0.750               | 51        | 33          | 0.647               | 6236     | 2833        | 0.454               |
| 1553  | 5703    | 8573   | 213725 | <a href="#">Martino Martinelli Filho</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Cardiology</a><br>Medicina   Cardiologia   Arritmias Cardíacas   Insuficiência Cardíaca   Estimulação Cardíaca Artificial   | 28      | 18          | 0.643               | 52        | 25          | 0.481               | 6091     | 938         | 0.154               |
| 1554  | 5704    | 8574   | 213735 | <a href="#">Ricardo Mingarini Terra</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Thoracic Surgery</a><br>Thoracic Surgery   Minimally Invasive Surgery   Pleural Diseases   Lung Cancer   Thoracic Oncology - Cirurgia Torácica                                  | 28      | 20          | 0.714               | 59        | 41          | 0.695               | 6067     | 4894        | 0.807               |
| 10  | 5705    | 8575   | 213742 | <a href="#">Ivanei Bramati</a>                                   |  Brazil  | <a href="#">Instituto D'Or Pesquisa e Ensino</a>          | <a href="#">D'Or Institute for Research and Education (IDOR), Rio de Janeiro, Brazil</a><br>Magnetic Resonance Imaging   Neuroscience   Imaging Processing  | 28      | 24          | 0.857               | 35        | 34          | 0.971               | 6053     | 2509        | 0.415               |
| 5   | 5706    | 8577   | 213770 | <a href="#">Rafael HM Pereira Rafael Henrique Moraes Pereira</a> |  Brazil | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>  | <a href="#">Ipea - Institute for Applied Economic Research</a><br>Urban Mobility   Transportation Equity   Accessibility   Cities   Spatial data science  | 28      | 25          | 0.893               | 54        | 45          | 0.833               | 6005     | 5360        | 0.893               |
| 1555  | 5707    | 8579   | 213878 | <a href="#">Rubia Aparecida Lacerda</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">ENFERMAGP</a><br>infecção hospitalar   prática baseada em evidências  | 28      | 15          | 0.536               | 61        | 24          | 0.393               | 5773     | 665         | 0.115               |
| 1   | 5708    | 8582   | 213933 | <a href="#">Miriam Coelho De Souza</a>                           |  Brazil | <a href="#">Universidade Metodista de Piracicaba</a>      | <a href="#">professor ciências dos alimentos e nutrição, Universidade Metodista de Piracicaba</a><br>Nutrição   Ciências dos Alimentos   Biodisponibilidade de nutrientes   Segurança Alimentar e Nutricional   Alimentos | 28      | 19          | 0.679               | 74        | 30          | 0.405               | 5636     | 2127        | 0.377               |
| 105   | 5709    | 8583   | 213954 | <a href="#">Eliane Seidl</a>                                     |  Brazil | <a href="#">Universidade de Brasília UNB</a>              | <a href="#">Social Sciences / Psychology</a><br>Health Psychology   Public Health   Clinical Health Psychology   Chronic diseases   HIV/AIDS  | 28      | 19          | 0.679               | 61        | 39          | 0.639               | 5599     | 1678        | 0.300               |
| 241   | 5710    | 8586   | 214007 | <a href="#">Stefan Geiger</a>                                    |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Medical and Health Sciences / Parasitology</a><br>parasitologia   imunologia   epidemiologia de doenças parasitárias  | 28      | 18          | 0.643               | 47        | 33          | 0.702               | 5524     | 1944        | 0.352               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 228   | 5711    | 8587   | 214013 | <a href="#">Antonio Bernardo Carvalho</a>           | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics  | 28      | 18          | 0.643               | 37        | 29          | 0.784               | 5516     | 1625        | 0.295               |
| 106   | 5712    | 8588   | 214115 | <a href="#">Carolyn Elinore Barnes Proença</a>      | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Botany   Myrtaceae   Cerrado   Conservation   | 28      | 17          | 0.607               | 59        | 30          | 0.508               | 5369     | 2146        | 0.400               |
| 1556  | 5713    | 8589   | 214176 | <a href="#">Angela Kaysel Cruz</a>                  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Genetics   Molecular protozoology   Leishmania Genetics   Gene Expression   Genomics  | 28      | 19          | 0.679               | 50        | 29          | 0.580               | 5282     | 1399        | 0.265               |
| 48  | 5714    | 8590   | 214182 | <a href="#">Pietro Chimenti</a>                     | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>         | <a href="#">Natural Sciences / Physics</a><br>Physics  | 28      | 17          | 0.607               | 45        | 29          | 0.644               | 5276     | 1721        | 0.326               |
| 1557  | 5715    | 8591   | 214208 | <a href="#">Melina P Silva</a>                      | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   biophysics and Neurophysiology  | 28      | 19          | 0.679               | 77        | 47          | 0.610               | 5248     | 3110        | 0.593               |
| 1558  | 5716    | 8592   | 214219 | <a href="#">Zilá LP Simões</a>                      | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Developmental Biology   Genomics   Transcriptomics   Phenotypic Plasticity   Social Insects   | 28      | 20          | 0.714               | 35        | 30          | 0.857               | 5239     | 1655        | 0.316               |
| 85  | 5717    | 8593   | 214229 | <a href="#">André Luiz Cazetta</a>                  | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Materials Science   Nanoporous Carbon   Adsorption   Electrocatalysis  | 28      | 27          | 0.964               | 39        | 39          | 1.000               | 5220     | 4140        | 0.793               |
| 242   | 5718    | 8595   | 214266 | <a href="#">Per Musi</a>                            | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Arts, Design and Architecture / Arts</a><br>Música   musicologia   educação musical   performance musical   musicoterapia  | 28      | 17          | 0.607               | 99        | 37          | 0.374               | 5160     | 1983        | 0.384               |
| 243   | 5719    | 8596   | 214267 | <a href="#">Clodoveu Davis</a>                      | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Geographic databases   geographic information systems   geographic information retrieval   geocoding   geographic data modeling                             | 28      | 16          | 0.571               | 81        | 32          | 0.395               | 5159     | 1287        | 0.249               |
| 413   | 5720    | 8598   | 214294 | <a href="#">Marcelo Ridenti</a>                     | <br>Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Social Sciences / Sociology</a>  | 28      | 16          | 0.571               | 56        | 28          | 0.500               | 5122     | 1653        | 0.323               |
| 1559  | 5721    | 8600   | 214340 | <a href="#">Vitor H. Nascimento</a>                 | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signal Processing   Adaptation and Learning   Statistical Signal Processing   Distributed Learning   Signal Processing for Epidemiol | 28      | 18          | 0.643               | 61        | 30          | 0.492               | 5071     | 3670        | 0.724               |
| 1   | 5722    | 8603   | 214482 | <a href="#">Sylvio Bandeira De De Mello E Silva</a> | <br>Brazil | <a href="#">Universidade Católica de Salvador UCSal</a>   | <a href="#">Natural Sciences / Geography</a><br>Geografia urbana   geografia Regional   Planejamento Urbano e RegionalPa   | 28      | 20          | 0.714               | 85        | 43          | 0.506               | 4923     | 3641        | 0.740               |
| 414   | 5723    | 8604   | 214554 | <a href="#">Adilson Sartoratto</a>                  | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   instrumentação   fitoquímica   óleos essenciais   spme   | 28      | 24          | 0.857               | 53        | 41          | 0.774               | 4854     | 2330        | 0.480               |
| 1560  | 5724    | 8605   | 214562 | <a href="#">Adilson Carvalho</a>                    | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   geoquímica   solos   | 28      | 17          | 0.607               | 84        | 26          | 0.310               | 4842     | 1224        | 0.253               |
| 1561  | 5725    | 8606   | 214589 | <a href="#">Ruy Braga</a>                           | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Social Sciences / Sociology</a><br>Sociology   Marxism   Class   Precariat   | 28      | 21          | 0.750               | 52        | 37          | 0.712               | 4823     | 2396        | 0.497               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 50  | 5726    | 8608   | 214631 | <a href="#">Angelo Jose Gonçalves Bós</a>    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>                      | <a href="#">IGGPUCRS</a><br>Aging and Public Health   | 28      | 18          | 0.643               | 68        | 33          | 0.485               | 4788     | 1932        | 0.404               |
| 1562  | 5727    | 8610   | 214695 | <a href="#">Ariovaldo Dos Santos</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Economics &amp; Econometrics / Economics</a><br>contabilidade   | 28      | 15          | 0.536               | 48        | 30          | 0.625               | 4729     | 1693        | 0.358               |
| 1563  | 5728    | 8611   | 214725 | <a href="#">Suani Teixeira Coelho</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSão Paulo</a><br>Bioenergy   | 28      | 20          | 0.714               | 60        | 32          | 0.533               | 4701     | 1816        | 0.386               |
| 12  | 5729    | 8613   | 214731 | <a href="#">Maria Ester De Freitas</a>       |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora e pesquisadora titular da FGV/EAESP</a><br>Estudos Organizacionais   Culturas   Cultura organizacional   Psicossociologia das organizações   Administração intercultural | 28      | 22          | 0.786               | 47        | 31          | 0.660               | 4695     | 1511        | 0.322               |
| 1564  | 5730    | 8614   | 214743 | <a href="#">Romualdo Portela De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Education / Education</a><br>educação   | 28      | 19          | 0.679               | 52        | 26          | 0.500               | 4679     | 1696        | 0.362               |
| 18  | 5731    | 8615   | 214748 | <a href="#">José Luiz Braga</a>              |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>                                   | <a href="#">Business &amp; Management / Communication</a><br>Comunicação   Métodos de Pesquisa   Educação   | 28      | 20          | 0.714               | 42        | 30          | 0.714               | 4677     | 1881        | 0.402               |
| 1565  | 5732    | 8616   | 214793 | <a href="#">João F Justo</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Nanosystems   Nanodevices   Materials Modelling   | 28      | 17          | 0.607               | 69        | 35          | 0.507               | 4634     | 1385        | 0.299               |
| 233   | 5733    | 8617   | 214821 | <a href="#">Edilson Paulo</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">RioGrandeSul</a><br>qualidade das informações contábeis   contabilidade regulatória   IFRS  | 28      | 21          | 0.750               | 74        | 54          | 0.730               | 4608     | 2188        | 0.475               |
| 147   | 5734    | 8619   | 214847 | <a href="#">Alexandre Dt Costa</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Diagnostic   nanotechnology   DNA  | 28      | 16          | 0.571               | 34        | 23          | 0.676               | 4593     | 1055        | 0.230               |
| 13  | 5735    | 8620   | 214866 | <a href="#">Celso Castro</a>                 |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor FGV CPDOC</a><br>antropologia   história  | 28      | 22          | 0.786               | 49        | 31          | 0.633               | 4581     | 1584        | 0.346               |
| 77  | 5736    | 8622   | 214901 | <a href="#">Alan Alves Pereira</a>           |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">Universidade Federal de Viçosa</a>  | 28      | 18          | 0.643               | 78        | 39          | 0.500               | 4550     | 2716        | 0.597               |
| 27  | 5737    | 8623   | 214909 | <a href="#">Cristina Engel De Alvarez</a>    |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>   | <a href="#">Arts, Design and Architecture / Urban Planning</a><br>Arquitetura e Urbanismo   | 28      | 20          | 0.714               | 92        | 43          | 0.467               | 4541     | 1785        | 0.393               |















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| University  | Country | Region | World  | Name                                     | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1566  | 5738    | 8624   | 214929 | <a href="#">João Amato Neto</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Gestão da produção Sustentabilidade Economia Redes de cooperação Inovação Gestão de pessoas Política industrial | 28      | 16          | 0.571               | 67        | 26          | 0.388               | 4525     | 1216        | 0.269               |
| 1567  | 5739    | 8626   | 214962 | <a href="#">Eduardo Mario Mendiondo</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>water-adaptive design & innovation solutions   | 28      | 21          | 0.750               | 79        | 47          | 0.595               | 4510     | 2299        | 0.510               |
| 244   | 5740    | 8628   | 215006 | <a href="#">Antônio De Pádua Braga</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | Neural Networks   Machine Learning   Clustering   Dataminig.   | 28      | 15          | 0.536               | 76        | 25          | 0.329               | 4482     | 1402        | 0.313               |
| 143   | 5741    | 8629   | 215007 | <a href="#">Leandro Fm Rezende</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Câncer e outras DCNT   Atividade Física e Nutrição   Inferência Causal em Epidemiologia                      | 28      | 27          | 0.964               | 55        | 53          | 0.964               | 4482     | 3626        | 0.809               |
| 1568  | 5742    | 8630   | 215014 | <a href="#">Julio Romano Meneghini</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">GasInnovationRCGI&amp;E!</a><br>Vortex-induced Vibration (VIV)   Computational Fluid Dynamics (CFD)   Vortex Shedding   Aero-acoustics   Gas Separation and Greenhou                             | 28      | 23          | 0.821               | 60        | 41          | 0.683               | 4470     | 2062        | 0.461               |
| 357   | 5743    | 8631   | 215025 | <a href="#">Carlos A Canesin</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics  | 28      | 12          | 0.429               | 61        | 17          | 0.279               | 4463     | 1517        | 0.340               |
| 229   | 5744    | 8633   | 215065 | <a href="#">Marcelo Weksler</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Mammalogy   Systematics   Zoology   Taxonomy   Mastozoologia  | 28      | 21          | 0.750               | 53        | 38          | 0.717               | 4437     | 1914        | 0.431               |
| 1569  | 5745    | 8636   | 215143 | <a href="#">Luiz João Corrar</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Economics &amp; Econometrics / Economics</a><br>Educação e pesquisa em contabilidade   Usuários externos   Mercados  | 28      | 20          | 0.714               | 51        | 33          | 0.647               | 4387     | 1673        | 0.381               |
| 415   | 5746    | 8640   | 215216 | <a href="#">Marcos Nobre</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   |  | 28      | 22          | 0.786               | 41        | 33          | 0.805               | 4346     | 1733        | 0.399               |
| 51  | 5747    | 8641   | 215261 | <a href="#">Mírian Oliveira</a>          |  <a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | Knowledge management   IT   Method   | 28      | 22          | 0.786               | 63        | 46          | 0.730               | 4317     | 2225        | 0.515               |
| 12  | 5748    | 8642   | 215272 | <a href="#">Tayana Conte</a>             |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Amazonas UFAM</a>                       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Empirical Software Engineering   Human-Computer Interaction   Software Quality                                     | 28      | 22          | 0.786               | 101       | 64          | 0.634               | 4311     | 2769        | 0.642               |
| 230   | 5749    | 8643   | 215278 | <a href="#">Bruno Figueiredo Damásio</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Social Sciences / Psychology</a><br>Psicometria   TRI   análise fatorial   psicologia positiva   | 28      | 25          | 0.893               | 45        | 41          | 0.911               | 4307     | 3160        | 0.734               |
| 1570  | 5750    | 8644   | 215296 | <a href="#">Diego Falceta Gonçalves</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Astrophysics   Plasma Astrophysics   Fluid Dynamics   Numerical Simulations  | 28      | 20          | 0.714               | 51        | 30          | 0.588               | 4289     | 2507        | 0.585               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 5751    | 8645   | 215310 | <a href="#">Hilka Pelizza Vier Machado</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Oeste de Santa Catarina UNOESC</a>                          | <a href="#">UniversidOesteSant</a><br>Empreendedorismo   | 28      | 18          | 0.643               | 71        | 35          | 0.493               | 4279     | 1531        | 0.358               |
| 416   | 5752    | 8646   | 215360 | <a href="#">Fernanda Klein Marcondes</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                               | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia do estresse   Halitose   Ensino   | 28      | 18          | 0.643               | 47        | 30          | 0.638               | 4249     | 1695        | 0.399               |
| 13  | 5753    | 8649   | 215505 | <a href="#">Laurinda Ramalho De Almeida</a>   | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>                    | <a href="#">Social Sciences / Psychology</a><br>educação   formação de professores   estratégias de ensino   | 28      | 19          | 0.679               | 64        | 32          | 0.500               | 4160     | 1660        | 0.399               |
| 358   | 5754    | 8651   | 215530 | <a href="#">Gilson Pereira De Oliveira</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                  | <a href="#">voluntárioMedicinVeterináriAgrariaseâ!</a><br>Entomologia Veterinária   Nematologia Veterinária  | 28      | 18          | 0.643               | 87        | 38          | 0.437               | 4148     | 1893        | 0.456               |
| 129   | 5755    | 8652   | 215531 | <a href="#">Lucas Garcia</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                             | Design   Projeto Centrado no Usuário   Ergonomia   Usabilidade   | 28      | 22          | 0.786               | 84        | 43          | 0.512               | 4148     | 2095        | 0.505               |
| 231   | 5756    | 8655   | 215547 | <a href="#">Paulo Bastos Tigre</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                                  | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia da inovação   inovação em serviços   tecnologias da informação   economia do compartilhamento de se | 28      | 12          | 0.429               | 49        | 15          | 0.306               | 4139     | 1006        | 0.243               |
| 100   | 5757    | 8657   | 215573 | <a href="#">Jorge Barbosa Soares</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>   | <a href="#">Universidade Federal do Ceará</a>  | 28      | 21          | 0.750               | 84        | 45          | 0.536               | 4126     | 2169        | 0.526               |
| 148   | 5758    | 8658   | 215585 | <a href="#">Rudimar Luiz Frozza</a>   | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   | 28      | 19          | 0.679               | 37        | 28          | 0.757               | 4123     | 2808        | 0.681               |
| 2   | 5759    | 8659   | 215627 | <a href="#">Helena Copetti Callai</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Regional do Noroeste do Estado do Rio Grande do Sul UNIJUÁ</a> | <a href="#">Natural Sciences / Geography</a><br>ensino de geografia educação   | 28      | 21          | 0.750               | 43        | 31          | 0.721               | 4106     | 1754        | 0.427               |
| 101   | 5760    | 8660   | 215661 | <a href="#">Jrv Silva</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Ceará</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Fitopatologia   Cafe   manejo agronomico del cafe   | 28      | 19          | 0.679               | 87        | 33          | 0.379               | 4088     | 1449        | 0.354               |
| 60  | 5761    | 8661   | 215667 | <a href="#">Paulo Murilo Castro De Oliveira</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>   | <a href="#">Natural Sciences / Physics</a><br>Physics  | 28      | 14          | 0.500               | 81        | 17          | 0.210               | 4086     | 882         | 0.216               |
| 130   | 5762    | 8663   | 215698 | <a href="#">Vania Bogorny</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                             | spatio-temporal data mining   similarity   classification  | 28      | 19          | 0.679               | 55        | 31          | 0.564               | 4067     | 1881        | 0.463               |
| 48  | 5763    | 8665   | 215847 | <a href="#">Silvanda De Melo Silva</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal da Paraíba UFPB</a>                                    | Postharvest (physiology   biochemistry)   food chemistry   funcional properties of food  | 28      | 17          | 0.607               | 90        | 40          | 0.444               | 4001     | 1996        | 0.499               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 5764    | 8666   | 215876 | <a href="#">Tatiana Garabini Cornelissen</a>  |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   | 28      | 20          | 0.714               | 46        | 34          | 0.739               | 3991     | 2042        | 0.512               |
| 131   | 5765    | 8667   | 215888 | <a href="#">Rogério João Lunkes</a>           |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>             | <a href="#">Catarin</a><br>Controle de gestão   | 28      | 20          | 0.714               | 107       | 65          | 0.607               | 3987     | 2126        | 0.533               |
| 234   | 5766    | 8669   | 215924 | <a href="#">Marco IDiart</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Physics</a>  | 28      | 16          | 0.571               | 39        | 23          | 0.590               | 3971     | 1140        | 0.287               |
| 144   | 5767    | 8670   | 215932 | <a href="#">Luciano Nardoza</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">AssociMedicinFetalUNIFESP</a><br>Restricao do crescimento Fetal   | 28      | 16          | 0.571               | 137       | 40          | 0.292               | 3966     | 1768        | 0.446               |
| 84  | 5768    | 8671   | 215946 | <a href="#">Graciela Ines Bolzon De Muniz</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                          | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanotecnologia   Tecnologia da madeira e nanocelulose            | 28      | 23          | 0.821               | 116       | 79          | 0.681               | 3960     | 2315        | 0.585               |
| 13  | 5769    | 8674   | 215984 | <a href="#">Evaldo Mf Curado</a>              |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>         | <a href="#">Pesquisador Titular, Centro Brasileiro de Pesquisas Físicas, Rio de Janeiro</a><br>Statistical Physics   Quantum Mechanics            | 28      | 17          | 0.607               | 78        | 27          | 0.346               | 3945     | 921         | 0.233               |
| 11  | 5770    | 8676   | 216002 | <a href="#">Faccini Jlh</a>                   |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>      | <a href="#">UFRRJ</a><br>Acaros parasitos e carrapatos  | 28      | 19          | 0.679               | 87        | 43          | 0.494               | 3940     | 2151        | 0.546               |
| 12  | 5771    | 8680   | 216116 | <a href="#">Marcelo P Barros</a>              |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Fisiologia   Radicais Livres   | 28      | 18          | 0.643               | 47        | 33          | 0.702               | 3900     | 1648        | 0.423               |
| 1571  | 5772    | 8684   | 216222 | <a href="#">Wagner Costa Ribeiro</a>          |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                           |   | 28      | 18          | 0.643               | 66        | 36          | 0.545               | 3852     | 1378        | 0.358               |
| 1572  | 5773    | 8686   | 216328 | <a href="#">Flávio Alicino Bockmann</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">FFCLRP/USP</a><br>systematics   ichthyology   anatomy   fish taxonomy   | 28      | 21          | 0.750               | 42        | 32          | 0.762               | 3809     | 2118        | 0.556               |
| 145   | 5774    | 8687   | 216331 | <a href="#">Alioscka A Sousa</a>              |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Nanoparticles   Nanomedicine   Nanosafety   | 28      | 18          | 0.643               | 45        | 29          | 0.644               | 3808     | 1545        | 0.406               |
| 44  | 5775    | 8689   | 216345 | <a href="#">Rogério Antônio Silva</a>         |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                     | Entomologia   | 28      | 18          | 0.643               | 78        | 36          | 0.462               | 3802     | 1794        | 0.472               |
| 107   | 5776    | 8690   | 216456 | <a href="#">Dâmaris Silveira</a>              |  Brazil | <a href="#">Universidade de Brasília UNB</a>                            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Regulação de Fitoterápicos | 28      | 23          | 0.821               | 63        | 47          | 0.746               | 3767     | 2439        | 0.647               |
| 23  | 5777    | 8691   | 216469 | <a href="#">Guilherme C Cordeiro</a>          |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Concrete   Cement-based materials   Pozzolan   Cement hydration               | 28      | 25          | 0.893               | 47        | 39          | 0.830               | 3762     | 2375        | 0.631               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 235   | 5778    | 8694   | 216530 | <a href="#">Jocélia Grazia</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomological Systematics   | 28      | 17          | 0.607               | 135       | 40          | 0.296               | 3739     | 1560        | 0.417               |
| 1573  | 5779    | 8695   | 216562 | <a href="#">Franklin Leopoldo E Silva</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">History, Philosophy, Theology / Philosophy</a><br>História da Filosofia   | 28      | 16          | 0.571               | 75        | 29          | 0.387               | 3729     | 1258        | 0.337               |
| 1574  | 5780    | 8697   | 216570 | <a href="#">Amadio Alberto Carlos</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Education / Education</a><br>Biomecânica   Esporte   Educação Física  | 28      | 20          | 0.714               | 64        | 29          | 0.453               | 3725     | 1578        | 0.424               |
| 12  | 5781    | 8698   | 216572 | <a href="#">Carlos Augusto Colombo</a>              |  Brazil   | <a href="#">Instituto Agrônomo</a>                              | <a href="#">Instituto Agrônomo</a>  | 28      | 16          | 0.571               | 50        | 27          | 0.540               | 3724     | 959         | 0.258               |
| 19  | 5782    | 8699   | 216589 | <a href="#">Alsones Balestrin</a>                   |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">Business &amp; Management / Business Administration</a><br>Inovação   Estratégia   Cooperação   | 28      | 19          | 0.679               | 50        | 34          | 0.680               | 3717     | 1353        | 0.364               |
| 108   | 5783    | 8701   | 216614 | <a href="#">Giovany Figueiredo</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Mathematics</a><br>Matemática  | 28      | 24          | 0.857               | 81        | 65          | 0.802               | 3710     | 2427        | 0.654               |
| 107   | 5784    | 8702   | 216621 | <a href="#">Oscar Peitl</a>                         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">UFSCarDEMLMV</a><br>Glass   Bioglass   Glass-ceramics   Bioglass-ceramics   | 28      | 22          | 0.786               | 56        | 48          | 0.857               | 3709     | 1701        | 0.459               |
| 245   | 5785    | 8703   | 216627 | <a href="#">Milena Soriano Marcolino</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Clínica Médica Medicina</a>   | 28      | 26          | 0.929               | 63        | 54          | 0.857               | 3706     | 3037        | 0.819               |
| 11  | 5786    | 8704   | 216639 | <a href="#">Sofia Lerche Vieira</a>                 |  Brazil   | <a href="#">Universidade Nove de Julho</a>                      | <a href="#">Education / Education</a><br>Educação   | 28      | 21          | 0.750               | 50        | 35          | 0.700               | 3700     | 1364        | 0.369               |
| 40  | 5787    | 8705   | 216654 | <a href="#">Daniel Yasumasa Takahashi</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>     | <a href="#">Rio Grande Norte</a><br>ethogenesis   vocal communication   mathematical model  | 28      | 23          | 0.821               | 50        | 36          | 0.720               | 3697     | 1660        | 0.449               |
| 85  | 5788    | 8707   | 216671 | <a href="#">Paulo Henrique Labiak Evangelista</a>   |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Evolution   Phylogeny   Molecular Biology   Biogeography   Taxonomy                      | 28      | 18          | 0.643               | 65        | 40          | 0.615               | 3689     | 2320        | 0.629               |
| 11  | 5789    | 8710   | 216710 | <a href="#">Marluce Maria Araujo Assis</a>          |  Brazil | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>  | <a href="#">Saúde</a><br>Avaliação em Saúde   Planejamento e Gestão em Saúde   Atenção Primária à Saúde   Enfermagem de Saúde Pública             | 28      | 17          | 0.607               | 59        | 30          | 0.508               | 3677     | 1268        | 0.345               |
| 417   | 5790    | 8711   | 216716 | <a href="#">Maria Do Carmo Estanislau Do Amaral</a> |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Biological Science</a><br>Taxonomia Vegetal. Sistemática filogenética. Ecologia de Ecossistemas. Ecologia Química. | 28      | 15          | 0.536               | 73        | 32          | 0.438               | 3675     | 1586        | 0.432               |
| 1575  | 5791    | 8712   | 216742 | <a href="#">Antonio Luiz Fancelli</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Fitotecnologia</a><br>Fisiologia vegetal   nutrição vegetal   soja e milho  | 28      | 13          | 0.464               | 65        | 17          | 0.262               | 3667     | 710         | 0.194               |
| 20  | 5792    | 8714   | 216776 | <a href="#">Maura Corcini Lopes</a>                 |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">Education / Education</a><br>Educação   Inclusão   Educação de Surdos   Currículo   Formação de Professores                           | 28      | 18          | 0.643               | 57        | 36          | 0.632               | 3656     | 1501        | 0.411               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 232   | 5793    | 8715   | 216786 | <a href="#">José Fernandes Filho</a>                 | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Education / Education</a><br>Avaliação Física   Marcadores Genéticos e Esportes   Dermatoglia e Saúde   Educação Física Adaptada   Esportes Paralímpicos                     | 28      | 14          | 0.500               | 94        | 42          | 0.447               | 3652     | 1249        | 0.342               |
| 54  | 5794    | 8716   | 216823 | <a href="#">Flavia Maria Santoro</a>                 | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | Information Systems   Business Process Management   Computer-Supported Cooperative Work  | 28      | 15          | 0.536               | 97        | 30          | 0.309               | 3642     | 1291        | 0.354               |
| 14  | 5795    | 8718   | 216829 | <a href="#">Anamaria Paniago</a>                     | <br>Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>    | <a href="#">InfeciosasParasitáriasUniversidMatoGrossodoâ€</a><br>doenças infecciosas e parasitárias   micologia médica   leishmanioses   | 28      | 17          | 0.607               | 52        | 34          | 0.654               | 3641     | 1827        | 0.502               |
| 1576  | 5796    | 8719   | 216833 | <a href="#">Danielle Menosi Gualandro</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Cardiology</a>   | 28      | 24          | 0.857               | 62        | 44          | 0.710               | 3640     | 2925        | 0.804               |
| 1577  | 5797    | 8720   | 216879 | <a href="#">Osame Kinouchi</a>                       | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Physics</a><br>Self-organized criticality   interdisciplinary statistical physics   complex networks   computational neuroscience   astrobiology          | 28      | 16          | 0.571               | 52        | 24          | 0.462               | 3626     | 1307        | 0.360               |
| 1578  | 5798    | 8721   | 216880 | <a href="#">Aline A Pizzirani Kleiner</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | Microorganismos endofíticos.   | 28      | 17          | 0.607               | 39        | 22          | 0.564               | 3626     | 1252        | 0.345               |
| 109   | 5799    | 8722   | 216910 | <a href="#">Jorge Arbache</a>                        | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                  | <a href="#">Economics &amp; Econometrics / Economics</a><br>Development economics   labor economics   international economics  | 28      | 10          | 0.357               | 53        | 13          | 0.245               | 3616     | 724         | 0.200               |
| 12  | 5800    | 8723   | 216937 | <a href="#">Ana Paula Pimentel Costa</a>             | <br>Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>          | <a href="#">universidadepresbiterianMackenzie</a><br>Pesquisa (Biologia Molecular /Genetica)   ensino (Biologia)   | 28      | 18          | 0.643               | 82        | 42          | 0.512               | 3610     | 1803        | 0.499               |
| 34  | 5801    | 8724   | 216941 | <a href="#">Carla Eponina Hori</a>                   | <br>Brazil  | <a href="#">Universidade Federal de Uberlândia</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalysis   hydrogen   energy   biodiesel  | 28      | 21          | 0.750               | 60        | 43          | 0.717               | 3609     | 1647        | 0.456               |
| 86  | 5802    | 8725   | 216947 | <a href="#">Jorge Juarez Vieira Teixeira</a>         | <br>Brazil | <a href="#">Universidade Estadual de Maringá</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 28      | 18          | 0.643               | 74        | 48          | 0.649               | 3608     | 1574        | 0.436               |
| 1579  | 5803    | 8726   | 216952 | <a href="#">Marilene Proença</a>                     | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Social Sciences / Psychology</a><br>Psicologia Escolar   Políticas Públicas   Educação Básica   Formação em Psicologia   Educação Superior                                   | 28      | 18          | 0.643               | 64        | 31          | 0.484               | 3607     | 1223        | 0.339               |
| 1580  | 5804    | 8727   | 216997 | <a href="#">Sandra Yasuyo Fukada</a>                 | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia   odontologia   imunologia  | 28      | 22          | 0.786               | 53        | 44          | 0.830               | 3597     | 1581        | 0.440               |
| 1581  | 5805    | 8730   | 217033 | <a href="#">Maria Janieire De Nazaré Nunes Alves</a> | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia Clínica   preventiva e esportiva   reabilitação Cardíaca   Controle neuro-vascular e Neuro-hormonal   Sarcopenia | 28      | 20          | 0.714               | 49        | 40          | 0.816               | 3586     | 1386        | 0.387               |
| 246   | 5806    | 8731   | 217038 | <a href="#">Carmen Flores Mendoza</a>                | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Social Sciences / Psychology</a><br>inteligencia   personalidade   diferenças individuais  | 28      | 18          | 0.643               | 51        | 31          | 0.608               | 3585     | 1215        | 0.339               |
| 4   | 5807    | 8732   | 217065 | <a href="#">Rodrigo Scherer</a>                      | <br>Brazil | <a href="#">Universidade Vila Velha UVV</a>                   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food science   Natural products   Coffee science  | 28      | 24          | 0.857               | 56        | 49          | 0.875               | 3574     | 2474        | 0.692               |








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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 418   | 5808    | 8734   | 217094 | <a href="#">Jorge Megid Neto</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Ensino de ciências   Formação de professores   Educação Ambiental   | 28      | 21          | 0.750               | 58        | 37          | 0.638               | 3564     | 1561        | 0.438               |
| 11  | 5809    | 8735   | 217119 | <a href="#">André Luís Silva Da Silva</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Ensino de Química   Ensino de Ciências   Formação de Professores  | 28      | 18          | 0.643               | 100       | 42          | 0.420               | 3555     | 1733        | 0.487               |
| 233   | 5810    | 8736   | 217120 | <a href="#">Jorge Xavier Da Silva</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geoprocessamento   | 28      | 18          | 0.643               | 72        | 32          | 0.444               | 3555     | 1248        | 0.351               |
| 359   | 5811    | 8737   | 217142 | <a href="#">João Francisco Galera Monico</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | II<br>GNSS   Geodesy   Quality Control   troposphere   ionosphere   | 28      | 20          | 0.714               | 63        | 36          | 0.571               | 3549     | 1465        | 0.413               |
| 1582  | 5812    | 8739   | 217149 | <a href="#">Christian Ingo Lenz Dunker</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicanálise Filosofia   | 28      | 20          | 0.714               | 68        | 40          | 0.588               | 3547     | 2340        | 0.660               |
| 12  | 5813    | 8740   | 217156 | <a href="#">Lara Gregorio Magalhaes</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual do Ceará</a>                         | enfermagem  | 28      | 21          | 0.750               | 49        | 29          | 0.592               | 3545     | 1486        | 0.419               |
| 360   | 5814    | 8741   | 217165 | <a href="#">Wagner Andre Pedro</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Chiroptera Bats Mammalian biology Mammalian ecology Habitfragmentation </a><br>Chiroptera   Bats   Mammalian biology   Mammalian ecology   Habitat fragmentation                            | 28      | 17          | 0.607               | 49        | 23          | 0.469               | 3542     | 1046        | 0.295               |
| 49  | 5815    | 8742   | 217215 | <a href="#">Paulo Silva</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics   | 28      | 16          | 0.571               | 44        | 26          | 0.591               | 3529     | 1459        | 0.413               |
| 419   | 5816    | 8743   | 217219 | <a href="#">Lucia R Durrant</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Biotechnology Environmental Microbiology Bioremediation Biodegradation Biosurfactants </a><br>Biotechnology   Environmental Microbiology   Bioremediation   Biodegradation   Biosurfactants | 28      | 20          | 0.714               | 48        | 29          | 0.604               | 3528     | 1392        | 0.395               |
| 149   | 5817    | 8746   | 217251 | <a href="#">Rafael Freitas De Oliveira Franca</a> |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology  | 28      | 24          | 0.857               | 50        | 41          | 0.820               | 3520     | 2882        | 0.819               |
| 361   | 5818    | 8747   | 217292 | <a href="#">Orlando Saliba</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">a()OdontologiAraÀşatuba</a><br>Saúde Pública   Odontologia Preventiva e Social   Epidemiologia   Engenharia Sanitária   Bioestatística  | 28      | 18          | 0.643               | 75        | 38          | 0.507               | 3508     | 1364        | 0.389               |
| 35  | 5819    | 8748   | 217305 | <a href="#">Rogério De Melo Costa Pinto</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Uberlândia</a>  | 28      | 17          | 0.607               | 59        | 32          | 0.542               | 3506     | 1258        | 0.359               |













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| 420   | 5820    | 8753   | 217365 | <a href="#">Flávio Ct Lima</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ichthyology   systematics   biogeography  | 28      | 16          | 0.571               | 74        | 36          | 0.486               | 3488     | 1225        | 0.351               |
| 86  | 5821    | 8754   | 217370 | <a href="#">Juliana Feltrin De Souza</a>            |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>pediatric dentistry   | 28      | 26          | 0.929               | 64        | 49          | 0.766               | 3487     | 2510        | 0.720               |
| 69  | 5822    | 8755   | 217371 | <a href="#">Asher Kiperstok</a>                     |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | Produção Limpa   | 28      | 21          | 0.750               | 62        | 35          | 0.565               | 3487     | 1877        | 0.538               |
| 362   | 5823    | 8757   | 217418 | <a href="#">Emmanuel Gomes Ciolac</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Exercise Sciences  | 28      | 20          | 0.714               | 48        | 37          | 0.771               | 3476     | 1685        | 0.485               |
| 49  | 5824    | 8759   | 217426 | <a href="#">Andre Luiz Martinez De Oliveira</a>     |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biotecnologia   interação planta-bactéria   ciência do solo   microbiologia do solo    | 28      | 25          | 0.893               | 69        | 51          | 0.739               | 3473     | 1862        | 0.536               |
| 150   | 5825    | 8760   | 217436 | <a href="#">Marco Antonio Campos</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology   virology   microbiology   innate immunity   molecular cell biology          | 28      | 17          | 0.607               | 38        | 29          | 0.763               | 3472     | 938         | 0.270               |
| 1583  | 5826    | 8762   | 217493 | <a href="#">Hilton Thadeu Zarate Do Couto</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Computação   estatística   floresta   energia da biomassa                             | 28      | 18          | 0.643               | 100       | 39          | 0.390               | 3458     | 1264        | 0.366               |
| 1584  | 5827    | 8763   | 217499 | <a href="#">Lucas William Mendes</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecogenomics   Microbial Ecology   Environmental Microbiology   Bioinformatics   Microbiomes | 28      | 24          | 0.857               | 52        | 52          | 1.000               | 3457     | 2988        | 0.864               |
| 1585  | 5828    | 8765   | 217538 | <a href="#">Paulo Mazzoncini De Azevedo Marques</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">InformaticBiomédic</a><br>Informática Biomédica  | 28      | 16          | 0.571               | 87        | 33          | 0.379               | 3447     | 1304        | 0.378               |
| 421   | 5829    | 8767   | 217552 | <a href="#">Maria Do Carmo Gonçalves</a>            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química   Polímeros   Microscopia   | 28      | 19          | 0.679               | 69        | 30          | 0.435               | 3444     | 1173        | 0.341               |
| 5   | 5830    | 8768   | 217560 | <a href="#">Heitor Ornaghi Jr</a>                   |  Brazil | <a href="#">Universidade de Caxias do Sul</a>                          | <a href="#">Unila</a><br>compósitos   físico-química   estrutura-propriedade   análise térmica e dinâmico mecânica   fluência e relaxação            | 28      | 26          | 0.929               | 59        | 56          | 0.949               | 3442     | 2667        | 0.775               |
| 12  | 5831    | 8770   | 217585 | <a href="#">Luis Fernando Pascholati Gusmao</a>     |  Brazil | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>         | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Mycology   plant science   | 28      | 17          | 0.607               | 83        | 32          | 0.386               | 3434     | 2129        | 0.620               |
| 363   | 5832    | 8771   | 217590 | <a href="#">Augusto Cesinando De Carvalho</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>NEUROSCIENCE   STROKE   HEMIPARESIS  | 28      | 20          | 0.714               | 69        | 36          | 0.522               | 3433     | 1486        | 0.433               |
| 1586  | 5833    | 8773   | 217611 | <a href="#">Joelma Perez</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a>   | 28      | 16          | 0.571               | 44        | 24          | 0.545               | 3428     | 771         | 0.225               |

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| 1587  | 5834    | 8774   | 217626 | <a href="#">Isak Kruglianskas</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Business &amp; Management / Business Administration</a><br>Gestão da Inovação   Gestão da Sustentabilidade  | 28      | 17          | 0.607               | 57        | 27          | 0.474               | 3423     | 1320        | 0.386               |
| 2   | 5835    | 8775   | 217650 | <a href="#">Ana Cristina De Faria</a>                |  Brazil   | <a href="#">Universidade Municipal de São Caetano do Sul USCS</a>              | <a href="#">Administração Municipal de São Caetano do Sul</a><br>Sustentabilidade   Contabilidade Gerencial   Custos   Gestão da Cadeia de Suprimentos   Relacionamentos Interorganizacionais | 28      | 18          | 0.643               | 75        | 33          | 0.440               | 3417     | 1282        | 0.375               |
| 70  | 5836    | 8776   | 217671 | <a href="#">Livio Sansone</a>                        |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                                  | <a href="#">Social Sciences / Anthropology</a><br>afro-american studies   African studies   heritage preservation   ethnic studies   globalization  | 28      | 14          | 0.500               | 50        | 20          | 0.400               | 3413     | 882         | 0.258               |
| 1588  | 5837    | 8778   | 217715 | <a href="#">Rafael Yagüe Ballester</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Biomateriais   Biomecânica   Odontologia   | 28      | 17          | 0.607               | 46        | 27          | 0.587               | 3405     | 1100        | 0.323               |
| 37  | 5838    | 8779   | 217721 | <a href="#">Hypolito Alvaro M</a>                    |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                          | <a href="#">Education / Education</a><br>Education   Curriculum   Teachers' Work  | 28      | 18          | 0.643               | 58        | 34          | 0.586               | 3404     | 1437        | 0.422               |
| 55  | 5839    | 8782   | 217818 | <a href="#">Antônio José Da Silva Neto</a>           |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Engineering and Environmental Modeling  | 28      | 16          | 0.571               | 91        | 29          | 0.319               | 3383     | 1214        | 0.359               |
| 53  | 5840    | 8784   | 217871 | <a href="#">Mario Takayuki Kato</a>                  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                             | <a href="#">UniversidPernambuco</a><br>Engenharia Sanitária e Ambiental   | 28      | 18          | 0.643               | 44        | 26          | 0.591               | 3374     | 964         | 0.286               |
| 6   | 5841    | 8785   | 217875 | <a href="#">Vinícius Cunha Oliveira</a>              |  Brazil   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Musculoskeletal conditions   Physiotherapy   Rehabilitation   Pain   Public health   | 28      | 25          | 0.893               | 45        | 39          | 0.867               | 3373     | 2201        | 0.653               |
| 13  | 5842    | 8786   | 217903 | <a href="#">Marcelo Bento Paes De Camargo</a>        |  Brazil   | <a href="#">Instituto Agrônomo</a>   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Agrometeorologia  | 28      | 15          | 0.536               | 72        | 23          | 0.319               | 3366     | 1176        | 0.349               |
| 422   | 5843    | 8787   | 217938 | <a href="#">Leonardo R Silveira</a>                  |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>Endocrinology/Metabolism  | 28      | 20          | 0.714               | 58        | 39          | 0.672               | 3359     | 1344        | 0.400               |
| 1589  | 5844    | 8790   | 217959 | <a href="#">Jorge Esquiche León</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral   Imunopatologia   Desordens Linfoproliferativas   AIDS   Patologia de Glândulas Salivares                          | 28      | 19          | 0.679               | 89        | 50          | 0.562               | 3354     | 1896        | 0.565               |
| 41  | 5845    | 8791   | 217983 | <a href="#">Silvia Regina Batistuzzo De Medeiros</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia molecular   mutagênese   instabilidade genética   | 28      | 20          | 0.714               | 56        | 39          | 0.696               | 3349     | 1453        | 0.434               |
| 423   | 5846    | 8792   | 217991 | <a href="#">Sandra Avila</a>                         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine Learning   Deep Learning   Computer Vision   | 28      | 25          | 0.893               | 49        | 43          | 0.878               | 3348     | 2536        | 0.757               |
| 102   | 5847    | 8794   | 218035 | <a href="#">Alberto Melo Soares</a>                  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                                  | <a href="#">Universidade Federal do Ceará</a>   | 28      | 22          | 0.786               | 40        | 32          | 0.800               | 3341     | 1924        | 0.576               |

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| 236   | 5848    | 8795   | 218036 | <a href="#">Giancarlo Pasquali</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Molecular Biology  | 28      | 16          | 0.571               | 40        | 23          | 0.575               | 3341     | 1196        | 0.358               |
| 108   | 5849    | 8797   | 218144 | <a href="#">Cristina Broglia Feitosa De Lacerda</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Education / Education</a><br>Educação   Educação Especial   Surdez   | 28      | 20          | 0.714               | 59        | 38          | 0.644               | 3316     | 1547        | 0.467               |
| 14  | 5850    | 8798   | 218176 | <a href="#">Enio Farias De França E Silva</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">ResHidricosUFRPE</a><br>salinidade   irrigação   drenagem   qualidade de água  | 28      | 21          | 0.750               | 94        | 62          | 0.660               | 3309     | 1757        | 0.531               |
| 12  | 5851    | 8799   | 218188 | <a href="#">Linda Ve Caldas</a>                     |  <a href="#">Brazil</a>   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>         | <a href="#">Pesquisadora IPEN</a><br>Dosimetria das radiações   metrologia das radiações   câmaras de ionização   materiais dosimétricos                             | 28      | 13          | 0.464               | 108       | 27          | 0.250               | 3307     | 933         | 0.282               |
| 10  | 5852    | 8802   | 218273 | <a href="#">Lara Kühl Teles</a>                     |  <a href="#">Brazil</a>   | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>               | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Semiconductors   energy gap   alloys   2D materials   perovskites                            | 28      | 19          | 0.679               | 58        | 34          | 0.586               | 3288     | 1487        | 0.452               |
| 61  | 5853    | 8803   | 218325 | <a href="#">Daniel De Oliveira</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Data Science   Distributed Systems   Provenance   Workflows                           | 28      | 21          | 0.750               | 74        | 39          | 0.527               | 3279     | 1713        | 0.522               |
| 364   | 5854    | 8804   | 218349 | <a href="#">José Augusto Guimarães</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Social Sciences / Library and Information Science</a><br>Indexação   Bibliometria   Epistemologia da Ciência da Informação   Organização do Conhecimento | 28      | 16          | 0.571               | 95        | 31          | 0.326               | 3273     | 1131        | 0.346               |
| 1590  | 5855    | 8806   | 218402 | <a href="#">Pedro Caruso</a>                        |  <a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Músculos respiratórios e epidemiologia do câncer na UTI  | 28      | 23          | 0.821               | 48        | 38          | 0.792               | 3263     | 1788        | 0.548               |
| 424   | 5856    | 8807   | 218411 | <a href="#">Clarisse Palma Silva</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary biology   plant speciation   reproductive biology   phylogeography   population genomics       | 28      | 23          | 0.821               | 52        | 43          | 0.827               | 3261     | 1794        | 0.550               |
| 87  | 5857    | 8808   | 218416 | <a href="#">Sebastião Do Amaral Machado</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Engineering</a><br>engenharia florestal   manejo florestal   mensuração florestal   | 28      | 15          | 0.536               | 98        | 33          | 0.337               | 3260     | 1224        | 0.375               |
| 146   | 5858    | 8809   | 218427 | <a href="#">Milena De Barros Viana</a>              |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Psychology</a><br>Neuropsychology   Neuropharmacology  | 28      | 16          | 0.571               | 51        | 28          | 0.549               | 3259     | 856         | 0.263               |
| 78  | 5859    | 8813   | 218493 | <a href="#">Leandro Licursi De Oliveira</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   | 28      | 23          | 0.821               | 83        | 68          | 0.819               | 3245     | 2377        | 0.733               |
| 103   | 5860    | 8814   | 218508 | <a href="#">Viviane Silva</a>                       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Ceará</a>                          | Enfermagem na saúde da criança e do adolescente   Enfermagem clínica   Sistemas de linguagem em enfermagem   | 28      | 20          | 0.714               | 86        | 50          | 0.581               | 3242     | 1786        | 0.551               |






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| 14  | 5861    | 8815   | 218533 | <a href="#">Eduardo H. Diniz</a>                |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor of Information Systems, Escola de Administração de Empresas de São Paulo ...</a><br>ICT4D   IT & sustainability   cash transfer programs   digital community currencies   blockchain       | 28      | 20          | 0.714               | 67        | 42          | 0.627               | 3238     | 1623        | 0.501               |
| 1591  | 5862    | 8816   | 218551 | <a href="#">Fernando José Barbin Laurindo</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Estratégia de Tecnologia da Informação   Estratégia Competitiva   Inteligência Competitiva   Gestão do Conhecimento | 28      | 17          | 0.607               | 52        | 25          | 0.481               | 3235     | 982         | 0.304               |
| 9   | 5863    | 8817   | 218582 | <a href="#">Artur Ziviani</a>                   |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>                                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Networking   Network Science   Networking   Networks   | 28      | 16          | 0.571               | 65        | 25          | 0.385               | 3230     | 1010        | 0.313               |
| 151   | 5864    | 8818   | 218592 | <a href="#">Marco Antonio Ferreira Da Costa</a> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Professor-orientador do Programa de Mestrado e Doutorado em Ensino em Biociências e ...</a><br>Ensino de Ciências   Biossegurança   Meio Ambiente  | 28      | 16          | 0.571               | 73        | 28          | 0.384               | 3229     | 1678        | 0.520               |
| 1592  | 5865    | 8821   | 218661 | <a href="#">Roberta Machado Ferreira</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Bovine Reproduction  </a>  | 28      | 25          | 0.893               | 46        | 37          | 0.804               | 3217     | 1701        | 0.529               |
| 1593  | 5866    | 8822   | 218676 | <a href="#">René Schneider</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">biofilms environmental microbiology </a><br>biofilms   environmental microbiology  | 28      | 14          | 0.500               | 47        | 18          | 0.383               | 3215     | 655         | 0.204               |
| 3   | 5867    | 8824   | 218725 | <a href="#">Jair Minoro Abe</a>                 |  Brazil   | <a href="#">Universidade Paulista UNIP</a>   | Paraconsistent Logics   Collective Computation   Artificial Neural Networks   Information Systems   Automation and Robotics  | 28      | 17          | 0.607               | 92        | 23          | 0.250               | 3205     | 895         | 0.279               |
| 118   | 5868    | 8825   | 218732 | <a href="#">Celso Moretti</a>                   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Embrapa</a><br>Ciência e Tecnologia de Alimentos   pós-colheita   hortaliças   processamento mínimo   compostos bioativos  | 28      | 15          | 0.536               | 76        | 27          | 0.355               | 3203     | 1045        | 0.326               |
| 119   | 5869    | 8827   | 218803 | <a href="#">Flábio Ribeiro Araújo</a>           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Embrapa</a>  | 28      | 18          | 0.643               | 64        | 35          | 0.547               | 3190     | 1235        | 0.387               |
| 3   | 5870    | 8828   | 218812 | <a href="#">José Neuman Miranda Neiva</a>       |  Brazil | <a href="#">Universidade Federal do Norte do Tocantins</a>                                       | <a href="#">Agriculture &amp; Forestry / Animal Science</a><br>Animal production   | 28      | 14          | 0.500               | 86        | 22          | 0.256               | 3189     | 906         | 0.284               |
| 365   | 5871    | 8830   | 218857 | <a href="#">João Francisco Escobedo</a>         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Solar Radiation  | 28      | 16          | 0.571               | 60        | 34          | 0.567               | 3183     | 1092        | 0.343               |
| 1594  | 5872    | 8831   | 218859 | <a href="#">Roy Edward Larson</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular motors   myosin   RNA binding proteins  | 28      | 10          | 0.357               | 47        | 10          | 0.213               | 3183     | 310         | 0.097               |













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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 5873    | 8833   | 218889 | <a href="#">Mitiko Saiki</a>                    |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>         | <a href="#">Pesquisador Titular, Instituto de Pesquisas Energéticas e Nucleares, IPEN-CNEN/SP</a><br>Análise de elementos químicos-Análise por ativação | 28      | 15          | 0.536               | 87        | 25          | 0.287               | 3175     | 922         | 0.290               |
| 147   | 5874    | 8834   | 218894 | <a href="#">Oliver A Nascimento</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">MédicoPneumologiPaulistMedicina&amp;E</a>   | 28      | 20          | 0.714               | 55        | 38          | 0.691               | 3174     | 1185        | 0.373               |
| 425   | 5875    | 8836   | 218969 | <a href="#">Luis Augusto Passeri</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">MédicasUnicamp</a><br>Cirurgia Buco-Maxilo-Facial   Cirurgia Ortognática   Trauma Facial   Implantodontia   Reconstrução Facial.            | 28      | 19          | 0.679               | 51        | 32          | 0.627               | 3160     | 1087        | 0.344               |
| 109   | 5876    | 8837   | 218989 | <a href="#">Fábio De Lima Leite</a>             |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Medical and Health Sciences / Biophysics</a><br>Biophysics   Nanoscience and Nanoneurobiophysics  | 28      | 20          | 0.714               | 62        | 42          | 0.677               | 3156     | 1672        | 0.530               |
| 234   | 5877    | 8838   | 218991 | <a href="#">Paulo Passos</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">reptilesMuseu</a><br>Reptiles - Taxonomy - Systematics - Evolution  | 28      | 15          | 0.536               | 50        | 35          | 0.700               | 3156     | 1585        | 0.502               |
| 426   | 5878    | 8841   | 219031 | <a href="#">Aline Costa</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">NQúimicUnicamp</a><br>Pré-tratamento e hidrólise de biomassas   fermentação   modelagem   otimização  | 28      | 21          | 0.750               | 54        | 32          | 0.593               | 3150     | 1427        | 0.453               |
| 1595  | 5879    | 8842   | 219040 | <a href="#">Graça Nunes</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Processamento de Línguas Naturais   | 28      | 13          | 0.464               | 81        | 15          | 0.185               | 3148     | 688         | 0.219               |
| 1596  | 5880    | 8843   | 219047 | <a href="#">Marilia Junqueira Caldas</a>        |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>condensed matter   polymer physics   graphene   | 28      | 12          | 0.429               | 63        | 17          | 0.270               | 3147     | 482         | 0.153               |
| 5   | 5881    | 8845   | 219073 | <a href="#">Silvana De Paula Quintão Scalon</a> |  Brazil | <a href="#">Universidade Federal da Grande Dourados UFGD</a>           | Fisiologia Vegetal   Ecofisiologia  | 28      | 17          | 0.607               | 101       | 53          | 0.525               | 3141     | 1515        | 0.482               |
| 152   | 5882    | 8854   | 219227 | <a href="#">Liliane Reis Teixeira</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisadora Fiocruz</a>  | 28      | 20          | 0.714               | 65        | 45          | 0.692               | 3115     | 1429        | 0.459               |
| 366   | 5883    | 8855   | 219230 | <a href="#">Sandra L Amaral</a>                 |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Education / Education</a><br>Fisiologia cardiovascular   exercício físico   Hipertensão   | 28      | 17          | 0.607               | 51        | 32          | 0.627               | 3115     | 1513        | 0.486               |
| 12  | 5884    | 8856   | 219267 | <a href="#">Ricardo Berbara</a>                 |  Brazil | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil biology   ecology   mycorrhizae                                  | 28      | 22          | 0.786               | 68        | 46          | 0.676               | 3110     | 2007        | 0.645               |
| 6   | 5885    | 8858   | 219291 | <a href="#">Moisés Tolentino Bento Da Silva</a> |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Departamento de Educação Física - Universidade Federal do Piauí/UFPI</a><br>Exercício e Trato Gastrintestinal                               | 28      | 19          | 0.679               | 76        | 42          | 0.553               | 3104     | 1501        | 0.484               |

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| University  | Country | Region | World  | Name                                       | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 148   | 5886    | 8859   | 219294 | <a href="#">Gisele Colleoni</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Tumor Immunology   Lymphoproliferative Disorders                   | 28      | 19          | 0.679               | 50        | 30          | 0.600               | 3104     | 1279        | 0.412               |
| 50  | 5887    | 8861   | 219310 | <a href="#">Dimas Am Zaia</a>              |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>minerals   adsorption   amino acids   nucleic acid bases   prebiotic chemistry                        | 28      | 18          | 0.643               | 61        | 33          | 0.541               | 3101     | 1191        | 0.384               |
| 237   | 5888    | 8862   | 219324 | <a href="#">Carla Sirtori</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   | 28      | 20          | 0.714               | 45        | 42          | 0.933               | 3100     | 1584        | 0.511               |
| 28  | 5889    | 8863   | 219330 | <a href="#">Angelo Fraga Bernardino</a>    |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Ecology   Deep-Sea Biology   Estuaries   Climate change   Mangroves  | 28      | 27          | 0.964               | 50        | 47          | 0.940               | 3098     | 2433        | 0.785               |
| 1597  | 5890    | 8865   | 219366 | <a href="#">Edmilson Dias De Freitas</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorologia   Modelagem Numérica   Poluição do Ar   Ilhas de Calor. | 28      | 25          | 0.893               | 50        | 44          | 0.880               | 3092     | 1924        | 0.622               |
| 1598  | 5891    | 8870   | 219456 | <a href="#">Ricardo Alexandre Arcêncio</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | tuberculose   hanseníase   análise espacial   enfermagem  | 28      | 22          | 0.786               | 93        | 69          | 0.742               | 3078     | 2016        | 0.655               |
| 1599  | 5892    | 8871   | 219477 | <a href="#">Felipe Mendes Borini</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">FEA/USP</a><br>global strategy   global innovation   international business   | 28      | 22          | 0.786               | 82        | 56          | 0.683               | 3075     | 2016        | 0.656               |
| 235   | 5893    | 8876   | 219649 | <a href="#">Argimiro R Secchi</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering   | 28      | 20          | 0.714               | 87        | 51          | 0.586               | 3049     | 1641        | 0.538               |
| 88  | 5894    | 8882   | 219725 | <a href="#">Leonardo Magalhães Cruz</a>    |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Biology  | 28      | 22          | 0.786               | 58        | 45          | 0.776               | 3037     | 1593        | 0.525               |
| 120   | 5895    | 8883   | 219748 | <a href="#">Elaine Cristina Paris</a>      |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanocomposites   Nanotechnology   Ceramics   New materials                   | 28      | 19          | 0.679               | 55        | 36          | 0.655               | 3034     | 1354        | 0.446               |
| 1   | 5896    | 8886   | 219807 | <a href="#">Fabricio Alano Pamplona</a>    |  Brazil | <a href="#">Universidade Federal da Integração Latino-Americana</a>    | <a href="#">Medical and Health Sciences / Pharmacology</a><br>cannabinoid   drug development   neuroscience   cognition                                       | 28      | 22          | 0.786               | 38        | 32          | 0.842               | 3024     | 1195        | 0.395               |
| 54  | 5897    | 8889   | 219880 | <a href="#">Fernando Castor</a>            |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineerg   Fault Tolerance   Programming Languages                               | 28      | 21          | 0.750               | 65        | 35          | 0.538               | 3013     | 1312        | 0.435               |
| 367   | 5898    | 8890   | 219931 | <a href="#">Daniel Marcos Bonotto</a>      |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geofísica Nuclear  | 28      | 17          | 0.607               | 80        | 45          | 0.563               | 3005     | 1291        | 0.430               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 427   | 5899    | 8893   | 219950 | <a href="#">Helio José Coelho Junior</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">UNICAMP</a><br>Gerontology   Physical Exercise   Physical Function   Cognitive Function   Nutrition   | 28      | 28          | 1.000               | 68        | 68          | 1.000               | 3003     | 2879        | 0.959               |
| 45  | 5900    | 8894   | 219975 | <a href="#">Márcio Machado Ladeira</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>            | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia  | 28      | 20          | 0.714               | 52        | 31          | 0.596               | 2999     | 1759        | 0.587               |
| 21  | 5901    | 8895   | 219981 | <a href="#">Gelsa Knijnik</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Education / Education</a><br>educação   educação matemática   etnomatemática   diferença cultural   | 28      | 17          | 0.607               | 61        | 23          | 0.377               | 2998     | 970         | 0.324               |
| 121   | 5902    | 8897   | 220043 | <a href="#">Liana Jank</a>                       |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador da Embrapa Gado de Corte</a><br>Melhoramento de forrageiras   | 28      | 18          | 0.643               | 87        | 41          | 0.471               | 2988     | 1381        | 0.462               |
| 34  | 5903    | 8898   | 220049 | <a href="#">Antonio Carlos Rosário Vallinoto</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pará UFPA</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Genetics and Virology  | 28      | 19          | 0.679               | 88        | 57          | 0.648               | 2987     | 1810        | 0.606               |
| 428   | 5904    | 8900   | 220051 | <a href="#">Eduardo Marandola Jr</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Campinas</a><br>fenomenologia   epistemologia   população e ambiente   pesquisas e métodos interdisciplinares   | 28      | 19          | 0.679               | 52        | 33          | 0.635               | 2987     | 1205        | 0.403               |
| 110   | 5905    | 8902   | 220131 | <a href="#">Fanyao Ou</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                   | <a href="#">Natural Sciences / Physics</a><br>2D materials   electronic structure and optical properties of nanomaterials   spintronics   valleytronics   quantum information | 28      | 15          | 0.536               | 74        | 32          | 0.432               | 2974     | 1137        | 0.382               |
| 5   | 5906    | 8904   | 220161 | <a href="#">Denise Endringer</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Vila Velha UVV</a>                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Cancer chemoprevention  | 28      | 24          | 0.857               | 64        | 52          | 0.813               | 2969     | 2133        | 0.718               |
| 36  | 5907    | 8905   | 220164 | <a href="#">Flávio Domingues Das Neves</a>       |  <a href="#">Brazil</a>  | <a href="#">Universidade Federal de Uberlândia</a>             | <a href="#">Medical and Health Sciences / Dentistry</a><br>próteses dentárias e implantes dentários   | 28      | 18          | 0.643               | 59        | 42          | 0.712               | 2969     | 1412        | 0.476               |
| 37  | 5908    | 8906   | 220175 | <a href="#">Paulo Cesar Freitas Santos Filho</a> |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Uberlândia</a>             | <a href="#">Medical and Health Sciences / Dentistry</a>   | 28      | 23          | 0.821               | 41        | 31          | 0.756               | 2968     | 1282        | 0.432               |
| 89  | 5909    | 8907   | 220186 | <a href="#">Márcio Henrique Franco Bettega</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Paraná</a>                 | <a href="#">Natural Sciences / Physics</a><br>Atomic and Molecular Physics  | 28      | 13          | 0.464               | 89        | 23          | 0.258               | 2966     | 919         | 0.310               |
| 1600  | 5910    | 8908   | 220195 | <a href="#">Carolina Sales Vieira</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Contraception   Family Planning   | 28      | 19          | 0.679               | 58        | 43          | 0.741               | 2965     | 1205        | 0.406               |
| 1601  | 5911    | 8909   | 220216 | <a href="#">Sonia Andrade</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">USP</a><br>Population genetics   genomics   evolutionary biology   molecular systematics  | 28      | 23          | 0.821               | 55        | 45          | 0.818               | 2962     | 1808        | 0.610               |
| 62  | 5912    | 8911   | 220271 | <a href="#">Helder Gomes Costa</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Decision   Research   Operations Research   | 28      | 22          | 0.786               | 72        | 45          | 0.625               | 2954     | 1713        | 0.580               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 38  | 5913    | 8912   | 220281 | <a href="#">Silvio Hamacher</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>operations research   healthcare   optimization   data science   industrial engineering                 | 28      | 25          | 0.893               | 53        | 44          | 0.830               | 2953     | 2173        | 0.736               |
| 1   | 5914    | 8914   | 220304 | <a href="#">Aline Machado De Castro</a>            |  Brazil   | <a href="#">Petróleo Brasileiro SA (PETROBRAS)</a>                         | <a href="#">Researcher, Petrobras</a><br>biofuels   cellulase   lipase   PET depolymerization  | 28      | 26          | 0.929               | 57        | 55          | 0.965               | 2949     | 1965        | 0.666               |
| 236   | 5915    | 8915   | 220309 | <a href="#">Daniel Perrone</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science  | 28      | 24          | 0.857               | 42        | 42          | 1.000               | 2949     | 1898        | 0.644               |
| 55  | 5916    | 8917   | 220327 | <a href="#">Thalia Barreto</a>                     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">UniversidPernambuco</a>  | 28      | 23          | 0.821               | 47        | 42          | 0.894               | 2947     | 1695        | 0.575               |
| 1602  | 5917    | 8918   | 220330 | <a href="#">Setembrino Petri</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleontologia   estratigrafia   paleoambientes   paleoecologia   geologia   | 28      | 17          | 0.607               | 77        | 38          | 0.494               | 2946     | 951         | 0.323               |
| 1603  | 5918    | 8920   | 220405 | <a href="#">Jl Lage Marques</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Endodontics   Laser in Dentistry  | 28      | 15          | 0.536               | 52        | 20          | 0.385               | 2935     | 825         | 0.281               |
| 238   | 5919    | 8921   | 220442 | <a href="#">Tales Tiecher</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>soil chemistry   soil fertility   sediment tracing   sediment contamination   transfer of nutrients to waterbodies | 28      | 27          | 0.964               | 75        | 71          | 0.947               | 2930     | 2541        | 0.867               |
| 9   | 5920    | 8922   | 220463 | <a href="#">Flávia Raquel Fernandes Nascimento</a> |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                           | <a href="#">Medical and Health Sciences / Pathology</a><br>Imunologia   Parasitologia  | 28      | 21          | 0.750               | 58        | 42          | 0.724               | 2928     | 1436        | 0.490               |
| 247   | 5921    | 8923   | 220493 | <a href="#">Klaus Krambrock</a>                    |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Physics</a><br>Nanoscience and Nanotechnology   Magnetic Resonance Techniques   | 28      | 19          | 0.679               | 83        | 43          | 0.518               | 2923     | 1561        | 0.534               |
| 51  | 5922    | 8926   | 220535 | <a href="#">Marcelo Marcondes Seneda</a>           |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                          |  | 28      | 21          | 0.750               | 69        | 47          | 0.681               | 2918     | 1754        | 0.601               |
| 1604  | 5923    | 8927   | 220541 | <a href="#">Gabriel Landi</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Condensed matter physics   Statistical Mechanics   Stochastic processes  | 28      | 25          | 0.893               | 62        | 58          | 0.935               | 2917     | 2458        | 0.843               |
| 4   | 5924    | 8928   | 220570 | <a href="#">Eduardo Nunes</a>                      |  Brazil | <a href="#">Pontificia Universidade Católica do Minas Gerais</a>           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 28      | 22          | 0.786               | 72        | 50          | 0.694               | 2912     | 1708        | 0.587               |
| 17  | 5925    | 8929   | 220591 | <a href="#">Alessandro Nogueira</a>                |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>                 | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Maçã   sucos   sidra   compostos fenólicos e voláteis   queijos finos   | 28      | 21          | 0.750               | 82        | 46          | 0.561               | 2910     | 1746        | 0.600               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 67  | 5926    | 8932   | 220624 | <a href="#">Alberto Manuel Quintana</a>       |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Social Sciences / Psychology</a><br>Psicanálise   Tanatologia   Bioética  | 28      | 21          | 0.750               | 76        | 53          | 0.697               | 2904     | 1668        | 0.574               |
| 239   | 5927    | 8933   | 220626 | <a href="#">Paulo Alves De Souza</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleontologia   Palinologia   Micropaleontologia   | 28      | 18          | 0.643               | 69        | 38          | 0.551               | 2904     | 1246        | 0.429               |
| 248   | 5928    | 8934   | 220631 | <a href="#">Maria José Menezes Brito</a>      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Business &amp; Management / Business Administration</a><br>administração   subjetividade   gestão de serviços de saúde   ética e bioética   sofrimento moral. | 28      | 20          | 0.714               | 85        | 50          | 0.588               | 2903     | 1666        | 0.574               |
| 1605  | 5929    | 8935   | 220645 | <a href="#">Luciana Mara Monti Fonseca</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">EERPP</a><br>Enfermagem neonatal   Informática em Saúde   Tecnologia educacional   Prematuro  | 28      | 19          | 0.679               | 82        | 58          | 0.707               | 2901     | 1466        | 0.505               |
| 10  | 5930    | 8936   | 220651 | <a href="#">Victor Lemes Landeiro</a>         |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Ecology  | 28      | 24          | 0.857               | 40        | 37          | 0.925               | 2901     | 1746        | 0.602               |
| 52  | 5931    | 8937   | 220657 | <a href="#">Selwyn Arlington Headley</a>      |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary Pathology   Diagnostics   Infectious diseases...  | 28      | 19          | 0.679               | 96        | 54          | 0.563               | 2899     | 1620        | 0.559               |
| 53  | 5932    | 8938   | 220667 | <a href="#">Ricardo Tadeu De Faria</a>        |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   | 28      | 13          | 0.464               | 82        | 32          | 0.390               | 2898     | 1127        | 0.389               |
| 1606  | 5933    | 8939   | 220672 | <a href="#">Cesar Augusto Martins Pereira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomecânica e tecnologia assistiva   | 28      | 16          | 0.571               | 61        | 28          | 0.459               | 2898     | 892         | 0.308               |
| 68  | 5934    | 8940   | 220677 | <a href="#">Luis Felipe Dias Lopes</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Natural Sciences / Statistics</a><br>Inovação Tecnológica   Estatística Aplicada   Comportamento organizacional   Doenças comportamentais   Empreendedorismo  | 28      | 22          | 0.786               | 81        | 53          | 0.654               | 2897     | 1699        | 0.586               |
| 1607  | 5935    | 8941   | 220686 | <a href="#">Marcelo Luiz Martins Pompeo</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>limnologia  | 28      | 21          | 0.750               | 80        | 47          | 0.588               | 2896     | 1627        | 0.562               |
| 46  | 5936    | 8943   | 220712 | <a href="#">Cleiton Antônio Nunes</a>         |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>             | Agronomy   Agrochemistry   Food Analysis   Chemometrics   Oils and Fats   | 28      | 23          | 0.821               | 64        | 47          | 0.734               | 2892     | 1895        | 0.655               |
| 249   | 5937    | 8944   | 220743 | <a href="#">Vitor GERALDI Haase</a>           |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Social Sciences / Psychology</a><br>Neuropsicologia do desenvolvimento   cognição numérica   discalculia do desenvolvimento                                   | 28      | 21          | 0.750               | 80        | 44          | 0.550               | 2887     | 1463        | 0.507               |
| 111   | 5938    | 8947   | 220764 | <a href="#">Wagner Fontes</a>                 |  Brazil | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Proteomics   Neutrophils   Biochemistry   Toxinology   Mass spectrometry                                    | 28      | 17          | 0.607               | 60        | 41          | 0.683               | 2884     | 1457        | 0.505               |
| 240   | 5939    | 8948   | 220773 | <a href="#">Cristian Zanon</a>                |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>positive psychology   big five   personality assessment   well-being   psychometrics                                      | 28      | 23          | 0.821               | 51        | 42          | 0.824               | 2882     | 2067        | 0.717               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 122   | 5940    | 8950   | 220780 | <a href="#">Ana Claudia Guerra Araujo</a>      | <br><a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>plant cell and molecular biology   cytogenetics  | 28      | 20          | 0.714               | 50        | 35          | 0.700               | 2881     | 1549        | 0.538               |
| 1608  | 5941    | 8951   | 220789 | <a href="#">Rafael Salomão</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science   Ceramics   Refractories   Porous ceramics   Nanoparticles             | 28      | 20          | 0.714               | 63        | 39          | 0.619               | 2879     | 1287        | 0.447               |
| 90  | 5942    | 8953   | 220808 | <a href="#">Rilton Alves De Freitas</a>        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | Biopolímeros e Coloides   | 28      | 22          | 0.786               | 62        | 43          | 0.694               | 2876     | 1811        | 0.630               |
| 153   | 5943    | 8955   | 220828 | <a href="#">José Dilermando Andrade Filho</a>  | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Instituto René Rachou</a><br>Parasitologia   entomologia   paleoparasitologia   | 28      | 19          | 0.679               | 81        | 46          | 0.568               | 2874     | 1093        | 0.380               |
| 1609  | 5944    | 8956   | 220875 | <a href="#">Rafael Silva Rocha</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Gene regulatory networks   Genetic tools   Synthetic Biology   Systems Microbiology   Bioinformatics           | 28      | 24          | 0.857               | 68        | 53          | 0.779               | 2868     | 1901        | 0.663               |
| 250   | 5945    | 8958   | 220887 | <a href="#">Nelcy Della Santana Mohallem</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>nanoscience   nanotecnology   sol-gel process   ceramics  | 28      | 20          | 0.714               | 67        | 39          | 0.582               | 2867     | 1418        | 0.495               |
| 50  | 5946    | 8961   | 220949 | <a href="#">Fernando Perazzo</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia   Produção Animal   Nutrição de Não Ruminantes   | 28      | 14          | 0.500               | 82        | 26          | 0.317               | 2859     | 1017        | 0.356               |
| 4   | 5947    | 8962   | 220957 | <a href="#">Larissa Correa Do Bomfim Costa</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>PLANTAS MEDICINAIS   OLEOS ESSENCIAIS   | 28      | 19          | 0.679               | 80        | 49          | 0.613               | 2858     | 1511        | 0.529               |
| 368   | 5948    | 8963   | 220963 | <a href="#">Roberto Lyra Villas Bôas</a>       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Horticulture</a><br>turfgrass   organic compost   fertigation   horticulture   sewage sludge   | 28      | 16          | 0.571               | 88        | 29          | 0.330               | 2857     | 1060        | 0.371               |
| 69  | 5949    | 8965   | 221023 | <a href="#">Otávio C Acevedo</a>               | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Boundary layer meteorology   | 28      | 22          | 0.786               | 60        | 43          | 0.717               | 2850     | 1366        | 0.479               |
| 2   | 5950    | 8966   | 221031 | <a href="#">Afonso Figueiredo Filho</a>        | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Mensuração Florestal   Inventários Florestais   Manejo de florestas nativas e plantadas   Modelagem do crescimento e da prod | 28      | 16          | 0.571               | 78        | 36          | 0.462               | 2849     | 1300        | 0.456               |
| 79  | 5951    | 8967   | 221073 | <a href="#">Marcelo Teixeira Rodrigues</a>     | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Metabolismo de Carboidratos e Lipídios   Pequenos ruminantes   Fibra                              | 28      | 15          | 0.536               | 82        | 29          | 0.354               | 2843     | 988         | 0.348               |
| 10  | 5952    | 8968   | 221074 | <a href="#">Fernanda Ferreira Lopes</a>        | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Maranhão</a>  | 28      | 17          | 0.607               | 74        | 34          | 0.459               | 2843     | 1147        | 0.403               |
| 42  | 5953    | 8971   | 221164 | <a href="#">Helenice Vital</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geociências   Geologia Marinha   Geologia Ambiental   sedimentologia   | 28      | 19          | 0.679               | 77        | 44          | 0.571               | 2831     | 1338        | 0.473               |

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| University  | Country | Region | World  | Name                                      | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 369   | 5954    | 8972   | 221171 | <a href="#">André Luis Balbi</a>          | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">MediciniBotucatu</a><br>Lesão Renal Aguda   | 28      | 22          | 0.786               | 69        | 49          | 0.710               | 2830     | 1545        | 0.546               |
| 429   | 5955    | 8973   | 221187 | <a href="#">Italo Odone Mazali</a>        | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Laboratório de Materiais Funcionais - LMF   | 28      | 21          | 0.750               | 84        | 54          | 0.643               | 2828     | 1477        | 0.522               |
| 370   | 5956    | 8974   | 221205 | <a href="#">Camila Renata Corrêa</a>      | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>estresse oxidativo   inflamação   obesidade   doenças crônicas   | 28      | 22          | 0.786               | 66        | 54          | 0.818               | 2826     | 1764        | 0.624               |
| 241   | 5957    | 8976   | 221271 | <a href="#">Cornelia Eckert</a>           | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Anthropology</a><br>Antropologia Social   Antropologia Visual   Antropologia Urbana   | 28      | 17          | 0.607               | 53        | 21          | 0.396               | 2817     | 991         | 0.352               |
| 5   | 5958    | 8979   | 221307 | <a href="#">Paula C Eterovick</a>         | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Minas Gerais</a>       | <a href="#">Natural Sciences / Biological Science</a><br>Animal behavior   Species distribution   Evolutionary Ecology   Metagenomics   Amphibians  | 28      | 16          | 0.571               | 54        | 30          | 0.556               | 2812     | 919         | 0.327               |
| 242   | 5959    | 8980   | 221323 | <a href="#">Eduardo Guimarães Barboza</a> | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Professor Associado do Departamento de Paleontologia e Estratigrafia  | 28      | 21          | 0.750               | 65        | 45          | 0.692               | 2810     | 1593        | 0.567               |
| 1610  | 5960    | 8982   | 221360 | <a href="#">Leny Sato</a>                 | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia Social do Trabalho   | 28      | 18          | 0.643               | 48        | 29          | 0.604               | 2806     | 843         | 0.300               |
| 371   | 5961    | 8983   | 221367 | <a href="#">Alicio Martins Júnior</a>     | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biotécnicas da reprodução  | 28      | 18          | 0.643               | 69        | 32          | 0.464               | 2805     | 1215        | 0.433               |
| 54  | 5962    | 8987   | 221414 | <a href="#">Joao Tavares Filho</a>        | <br>Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Natural Sciences / Physics</a><br>Física do Solo   Manejo do Solo   Uso de Resíduos na Agricultura  | 28      | 16          | 0.571               | 69        | 33          | 0.478               | 2799     | 1026        | 0.367               |
| 430   | 5963    | 8989   | 221434 | <a href="#">Antonio Miguel</a>            | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Education / Education</a><br>educação matemática  | 28      | 17          | 0.607               | 50        | 27          | 0.540               | 2796     | 1042        | 0.373               |
| 56  | 5964    | 8993   | 221513 | <a href="#">RJ Cintra</a>                 | <br>Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>signal processing   image processing   fast algorithms   low-complexity methods   applied probability | 28      | 20          | 0.714               | 69        | 52          | 0.754               | 2787     | 1590        | 0.571               |
| 38  | 5965    | 8994   | 221535 | <a href="#">Tiago WP Mineo</a>            | <br>Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Host-Parasite interactions   Parasitology  | 28      | 20          | 0.714               | 60        | 49          | 0.817               | 2784     | 1337        | 0.480               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 112   | 5966    | 8996   | 221555 | <a href="#">Francisco Neves</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacologia molecular   endocrinologia   diabetes   obesidade   doenca renal crônica   | 28      | 19          | 0.679               | 62        | 36          | 0.581               | 2782     | 1213        | 0.436               |
| 1611  | 5967    | 8997   | 221561 | <a href="#">Auro Nomizo</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   cancer   tumor   snake venoms  | 28      | 19          | 0.679               | 43        | 31          | 0.721               | 2782     | 1032        | 0.371               |
| 372   | 5968    | 8998   | 221562 | <a href="#">Steven Frederick Durrant</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | PECVD   thin films   analytical techniques  | 28      | 15          | 0.536               | 69        | 20          | 0.290               | 2781     | 651         | 0.234               |
| 1612  | 5969    | 9000   | 221580 | <a href="#">Wanda Maria Risso Günther</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">SaúAmbientaSaúPública</a><br>Resíduos sólidos   Áreas contaminadas   Desastres   Qualidade do solo   Saúde ambiental  | 28      | 21          | 0.750               | 60        | 39          | 0.650               | 2779     | 1352        | 0.487               |
| 80  | 5970    | 9002   | 221628 | <a href="#">Samuel Cordeiro Vitor Martins</a>  |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant hydraulics   plant ecophysiology   photosynthesis   plant water relations   tree physiology                                 | 28      | 25          | 0.893               | 44        | 42          | 0.955               | 2773     | 1906        | 0.687               |
| 1613  | 5971    | 9003   | 221650 | <a href="#">Domingos Hiroshi Tsuji</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">ENTMedical</a><br>ENT   | 28      | 17          | 0.607               | 71        | 29          | 0.408               | 2770     | 997         | 0.360               |
| 104   | 5972    | 9004   | 221658 | <a href="#">Marcia Maria Tavares Machado</a>   |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | Saude Publica   Saude Materno Infantil   Avaliacao de Programas   | 28      | 20          | 0.714               | 73        | 44          | 0.603               | 2769     | 1303        | 0.471               |
| 431   | 5973    | 9005   | 221676 | <a href="#">Eduardo Granado</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics  | 28      | 14          | 0.500               | 59        | 25          | 0.424               | 2766     | 839         | 0.303               |
| 51  | 5974    | 9006   | 221679 | <a href="#">Anderson Luiz Ferreira</a>         |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>colitis   gastric ulcer   Inflammatory Bowel Disease  | 28      | 18          | 0.643               | 51        | 36          | 0.706               | 2766     | 1378        | 0.498               |
| 373   | 5975    | 9007   | 221691 | <a href="#">Claudia Regina Bonini Domingos</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Hemoglobinopathies   Genetics   Sickle cell Disease   Thalassemias   | 28      | 14          | 0.500               | 73        | 23          | 0.315               | 2764     | 795         | 0.288               |
| 1614  | 5976    | 9008   | 221693 | <a href="#">Rodrigo Andrade Ramos</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems   Small-Signal Stability   Distributed Generation                                       | 28      | 18          | 0.643               | 61        | 31          | 0.508               | 2764     | 1277        | 0.462               |
| 251   | 5977    | 9009   | 221702 | <a href="#">Fabiano Vargas Pereira</a>         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Cellulose Nanomaterials Cellulose Nanocrystals Renewable materials </a><br>Cellulose Nanomaterials   Carbon nanomaterials   Carbon dots   Carbon quantum dots   Renewable materials | 28      | 23          | 0.821               | 52        | 44          | 0.846               | 2763     | 1691        | 0.612               |
| 11  | 5978    | 9010   | 221719 | <a href="#">Renata De Mello Perez</a>          |  Brazil | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                       | <a href="#">Federal University of Rio de Janeiro and D'Or Institute for Research and Education (IDOR)</a>   | 28      | 18          | 0.643               | 77        | 38          | 0.494               | 2761     | 1149        | 0.416               |
| 105   | 5979    | 9012   | 221737 | <a href="#">Francisca Soares Araujo</a>        |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de comunidades   Conservação biológica  | 28      | 20          | 0.714               | 50        | 34          | 0.680               | 2759     | 1329        | 0.482               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 374   | 5980    | 9016   | 221836 | <a href="#">Antonio Carlos Alessi</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Patologia Veterinária  | 28      | 14          | 0.500               | 65        | 22          | 0.338               | 2746     | 848         | 0.309               |
| 14  | 5981    | 9017   | 221844 | <a href="#">Denise Alves Fungaro</a>            |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>         | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a><br>Value-added materials   Sugarcane Ash waste   Coal Combustion Products   Nanosilica   Zeolite | 28      | 19          | 0.679               | 57        | 31          | 0.544               | 2745     | 1233        | 0.449               |
| 3   | 5982    | 9018   | 221873 | <a href="#">Ludgleydson Fernandes De Araújo</a> |  Brazil   | <a href="#">Universidade Federal do Piau</a>                           | <a href="#">Social Sciences / Psychology</a><br>Aging   LGBT Elderly People   Social Psychology   HIV/AIDS   Social Representation                              | 28      | 19          | 0.679               | 68        | 44          | 0.647               | 2741     | 1317        | 0.480               |
| 432   | 5983    | 9019   | 221876 | <a href="#">Alex Antonelli</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>condensed matter physics   chemical physics   | 28      | 11          | 0.393               | 54        | 13          | 0.241               | 2741     | 534         | 0.195               |
| 433   | 5984    | 9020   | 221882 | <a href="#">Débora Alves Nunes Leite Lima</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a>   | 28      | 23          | 0.821               | 65        | 55          | 0.846               | 2740     | 1702        | 0.621               |
| 434   | 5985    | 9021   | 221891 | <a href="#">Maria Marluce Dos Santos Vilela</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">UNICAMP Campinas, Campinas, SP</a><br>Primary Immunodeficiency   AIDS in Pediatrics   Vaccines   asthma   | 28      | 15          | 0.536               | 61        | 23          | 0.377               | 2739     | 851         | 0.311               |
| 1615  | 5986    | 9023   | 221897 | <a href="#">Selma Siessere</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Morfologia  | 28      | 18          | 0.643               | 63        | 41          | 0.651               | 2738     | 1436        | 0.524               |
| 110   | 5987    | 9024   | 221919 | <a href="#">Hildo Meirelles De Souza Filho</a>  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia Rural  | 28      | 16          | 0.571               | 63        | 32          | 0.508               | 2735     | 1209        | 0.442               |
| 56  | 5988    | 9025   | 221934 | <a href="#">Cristiane Assumpcao Henriques</a>   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise heterogênea e processos catalíticos  | 28      | 19          | 0.679               | 52        | 35          | 0.673               | 2733     | 1018        | 0.372               |
| 29  | 5989    | 9026   | 221962 | <a href="#">Jair Cc Freitas</a>                 |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Natural Sciences / Physics</a><br>Física   Ressonância Magnética Nuclear   Ciência dos Materiais   Carbono  | 28      | 20          | 0.714               | 80        | 50          | 0.625               | 2729     | 1436        | 0.526               |
| 106   | 5990    | 9027   | 221964 | <a href="#">Mary Anne Sousa Lima</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Organica   Química de Produtos Naturais   | 28      | 17          | 0.607               | 71        | 36          | 0.507               | 2729     | 1086        | 0.398               |
| 149   | 5991    | 9028   | 221967 | <a href="#">Helena Hachul</a>                   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>menopausa   sono   insônia   hormônios   terapia hormonal                            | 28      | 21          | 0.750               | 60        | 49          | 0.817               | 2729     | 1490        | 0.546               |
| 123   | 5992    | 9029   | 221983 | <a href="#">Priscila Zaczuk Bassinello</a>      |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador, Embrapa Arroz e Feijão</a><br>Ciência de Alimentos   Qualidade de Grãos  | 28      | 20          | 0.714               | 72        | 49          | 0.681               | 2727     | 1551        | 0.569               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 91  | 5993    | 9031   | 221997 | <a href="#">Maria De Fátima Mantovani</a>        |  Brazil | <a href="#">Universidade Federal do Paraná</a>                 | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Nursing   Adult Health   Chronic Disease   Health Education     | 28      | 18          | 0.643               | 68        | 39          | 0.574               | 2725     | 1238        | 0.454               |
| 52  | 5994    | 9032   | 221998 | <a href="#">Alexandre Siqueira Guedes Coelho</a> |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Genômica   Estatística   Bioinformática              | 28      | 18          | 0.643               | 58        | 35          | 0.603               | 2725     | 1243        | 0.456               |
| 1616  | 5995    | 9033   | 222023 | <a href="#">Alexandre Reis Percequillo</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">UniversidSão Paulo</a><br>Taxonomia   sistemática e biogeografia de mamíferos  | 28      | 23          | 0.821               | 60        | 46          | 0.767               | 2722     | 1590        | 0.584               |
| 10  | 5996    | 9034   | 222027 | <a href="#">Fabrizio Caputo</a>                  |  Brazil | <a href="#">Universidade do Estado de Santa Catarina UDESC</a> | Treino Esportivo   Metabolismo Energético   Natação   Corrida   Ciclismo   | 28      | 19          | 0.679               | 64        | 39          | 0.609               | 2721     | 1550        | 0.570               |
| 43  | 5997    | 9035   | 222037 | <a href="#">Leão Pereira Pinto</a>               |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>    | <a href="#">RioGrandeNorteNatalRN</a><br>Patologia   Estomatologia   Imaginologia  | 28      | 15          | 0.536               | 70        | 32          | 0.457               | 2720     | 1019        | 0.375               |
| 111   | 5998    | 9037   | 222055 | <a href="#">Elizabeth Joan Barham</a>            |  Brazil | <a href="#">Universidade Federal de São Carlos</a>             | <a href="#">Social Sciences / Psychology</a><br>Desenvolvimento adulto   cuidador   idosos   filhos                                    | 28      | 19          | 0.679               | 60        | 45          | 0.750               | 2718     | 1231        | 0.453               |
| 237   | 5999    | 9042   | 222113 | <a href="#">Olavo B Amaral</a>                   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Metascience   reproducibility   open science   neuroscience   psychiatry | 28      | 20          | 0.714               | 41        | 32          | 0.780               | 2711     | 1157        | 0.427               |
| 1617  | 6000    | 9044   | 222137 | <a href="#">Iran José Oliveira Da Silva</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>bem-estar animal   ambiência animal   zootecnia de precisão       | 28      | 15          | 0.536               | 70        | 33          | 0.471               | 2707     | 987         | 0.365               |

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| 375   | 6001    | 9045   | 222158 | <a href="#">Silvania Lanfredi</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Caracterização Estrutural   Método de Rietveld   Espectroscopia de impedância   niobatos   Estrutura tungstênio bronze                                | 28      | 16          | 0.571               | 48        | 26          | 0.542               | 2705     | 758         | 0.280               |
| 1618  | 6002    | 9046   | 222172 | <a href="#">Denise Tostes Oliveira</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology   Oral Cancer   | 28      | 18          | 0.643               | 68        | 35          | 0.515               | 2703     | 1038        | 0.384               |
| 1619  | 6003    | 9048   | 222216 | <a href="#">Maria José Carvalho Carmona</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>Anesthesiology   Intensive Care   Postoperative Cognitive Dysfunction | 28      | 16          | 0.571               | 74        | 33          | 0.446               | 2699     | 1171        | 0.434               |
| 1620  | 6004    | 9054   | 222257 | <a href="#">Elizabete Wenzel De Menezes</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Food Science   | 28      | 16          | 0.571               | 59        | 25          | 0.424               | 2694     | 1005        | 0.373               |
| 124   | 6005    | 9055   | 222272 | <a href="#">Jose Ascheri</a>                 |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador, Embrapa Agroindústria de Alimentos</a><br>Tecnologia de Cereais   Tecnologia de Extrusão   desenvolvimento de novos produtos | 28      | 19          | 0.679               | 76        | 40          | 0.526               | 2691     | 1323        | 0.492               |
| 435   | 6006    | 9056   | 222275 | <a href="#">Liliane Maria Ferrareso Lona</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Polymer Reaction Engineering  | 28      | 17          | 0.607               | 64        | 32          | 0.500               | 2691     | 1680        | 0.624               |
| 376   | 6007    | 9058   | 222284 | <a href="#">Edson Denis Leonel</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Caos   transições de fase   sistemas dinâmicos  | 28      | 13          | 0.464               | 78        | 20          | 0.256               | 2690     | 795         | 0.296               |
| 1621  | 6008    | 9059   | 222285 | <a href="#">Ruth Natalia Teresa Turrini</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Enfermagem   Enfermagem em centro cirúrgico   Práticas complementares em saúde  | 28      | 22          | 0.786               | 65        | 49          | 0.754               | 2690     | 1806        | 0.671               |
| 1622  | 6009    | 9060   | 222291 | <a href="#">Calegari MI</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletroquímica   eletrocatalise   conversão de energia   baterias   células à combustível      | 28      | 20          | 0.714               | 38        | 27          | 0.711               | 2690     | 1075        | 0.400               |
| 377   | 6010    | 9061   | 222295 | <a href="#">Leandro Gobbo Braz</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>anestesiologia  | 28      | 21          | 0.750               | 58        | 46          | 0.793               | 2689     | 1450        | 0.539               |
| 38  | 6011    | 9062   | 222301 | <a href="#">Marcio Nunes Corrêa</a>          |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Clínica RuminantesUniversidPelotas</a><br>reprodução   clínica   bovinos leiteiros   nutrição   metabolismo                               | 28      | 18          | 0.643               | 68        | 46          | 0.676               | 2688     | 1366        | 0.508               |
| 378   | 6012    | 9063   | 222329 | <a href="#">Patricia Pintor Dos Reis</a>     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Transcriptomics   Non-Coding RNA   Genomics   Oncology  | 28      | 20          | 0.714               | 44        | 30          | 0.682               | 2685     | 1118        | 0.416               |
| 1623  | 6013    | 9064   | 222347 | <a href="#">Vânia Luiza Deperon Bonato</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Modulação da resposta imune   tuberculose   alergia.                                    | 28      | 13          | 0.464               | 51        | 20          | 0.392               | 2682     | 635         | 0.237               |

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| 35  | 6014    | 9065   | 222364 | <a href="#">Julio Cesar Pieczarka</a>         |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Citogenética   citogenômica   biodiversidade   filogenia                        | 28      | 16          | 0.571               | 97        | 42          | 0.433               | 2680     | 1097        | 0.409               |
| 92  | 6015    | 9067   | 222449 | <a href="#">Ml Masson</a>                     |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">ciência tecnologia e engenharia alimentos nanotecnologia </a><br>ciência   tecnologia e engenharia de alimentos   nanotecnologia           | 28      | 19          | 0.679               | 56        | 36          | 0.643               | 2669     | 1368        | 0.513               |
| 252   | 6016    | 9068   | 222480 | <a href="#">Walter Lima</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia  | 28      | 15          | 0.536               | 74        | 28          | 0.378               | 2665     | 819         | 0.307               |
| 154   | 6017    | 9072   | 222524 | <a href="#">Roberto Saraiva</a>               |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz</a><br>Doença de Chagas   Ecocardiografia   Insuficiência cardíaca   | 28      | 19          | 0.679               | 54        | 40          | 0.741               | 2661     | 1229        | 0.462               |
| 3   | 6018    | 9074   | 222542 | <a href="#">Paulo Renato Oliveira</a>         |  Brazil   | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">ControleQualidadeUNICENTRO</a>   | 28      | 15          | 0.536               | 73        | 27          | 0.370               | 2659     | 1225        | 0.461               |
| 22  | 6019    | 9075   | 222561 | <a href="#">Leandro Bacci</a>                 |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Integrated Pest Management   Entomologia   Manejo Integrado de Pragas   Ecotoxicologia | 28      | 23          | 0.821               | 59        | 48          | 0.814               | 2656     | 1672        | 0.630               |
| 379   | 6020    | 9077   | 222591 | <a href="#">Mary Marcondes</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | infectious diseases   vector-borne diseases  | 28      | 19          | 0.679               | 54        | 40          | 0.741               | 2652     | 1284        | 0.484               |
| 11  | 6021    | 9078   | 222592 | <a href="#">Eduardo Pacheco Rico</a>          |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Neurociência  | 28      | 19          | 0.679               | 51        | 39          | 0.765               | 2652     | 1327        | 0.500               |
| 380   | 6022    | 9082   | 222651 | <a href="#">Tamara Beres Lederer Goldberg</a> |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">adolescent nutrition bone mass bone densitometry obesity </a><br>adolescent   nutrition   bone mass   bone densitometry   obesity          | 28      | 16          | 0.571               | 45        | 22          | 0.489               | 2644     | 1294        | 0.489               |
| 7   | 6023    | 9084   | 222699 | <a href="#">Dilina Do Nascimento Marreiro</a> |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professora de Nutrição, Universidade Federal do Piauí</a>  | 28      | 23          | 0.821               | 57        | 43          | 0.754               | 2638     | 1793        | 0.680               |
| 2   | 6024    | 9085   | 222709 | <a href="#">Juliana Pavan Zuliani</a>         |  Brazil | <a href="#">Universidade Federal de Rondônia</a>                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 28      | 22          | 0.786               | 62        | 59          | 0.952               | 2636     | 1558        | 0.591               |
| 381   | 6025    | 9087   | 222741 | <a href="#">Juliano Carlos Calonego</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">FCA/</a>   | 28      | 22          | 0.786               | 55        | 42          | 0.764               | 2632     | 1429        | 0.543               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1624  | 6026    | 9090   | 222807 | <a href="#">Maria Cecilia Salvadori</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física   | 28      | 17          | 0.607               | 80        | 28          | 0.350               | 2621     | 1022        | 0.390               |
| 9   | 6027    | 9091   | 222809 | <a href="#">Samuel Nm Souza</a>                   |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a> | <a href="#">Unioeste</a><br>Energia da Biomassa   Energia Solar e Racionalização de Energia  | 28      | 22          | 0.786               | 61        | 46          | 0.754               | 2621     | 1721        | 0.657               |
| 113   | 6028    | 9092   | 222810 | <a href="#">Luciano Rossoni</a>                   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                      | <a href="#">Business &amp; Management / Business Administration</a><br>administração   estudos organizacionais   teoria das organizações   teoria institucional   análise de redes sociais | 28      | 19          | 0.679               | 56        | 29          | 0.518               | 2621     | 986         | 0.376               |
| 1625  | 6029    | 9094   | 222832 | <a href="#">Silvia Reni Bortolin Uliana</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Medical and Health Sciences / Parasitology</a><br>Leishmaniasis  | 28      | 21          | 0.750               | 49        | 33          | 0.673               | 2619     | 1217        | 0.465               |
| 1626  | 6030    | 9095   | 222835 | <a href="#">Ubirajara Pereira Rodrigues Filho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>físico-química inorgânica. química de estado sólido   fotocatalise heterogênea   fotocromismo   fotoabsorção                       | 28      | 17          | 0.607               | 70        | 40          | 0.571               | 2618     | 1250        | 0.477               |
| 1627  | 6031    | 9096   | 222871 | <a href="#">Carlos Humberto Corassin</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">UniversidSÃO Paulo</a><br>Microbiologia e Micotoxologia Tecnologia de produtos de origem animal  | 28      | 26          | 0.929               | 54        | 45          | 0.833               | 2614     | 2070        | 0.792               |
| 2   | 6032    | 9098   | 222882 | <a href="#">Antonio Carlos Lopes Da Costa</a>     |  Brazil   | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a>   | <a href="#">Tecnologista, CDTN/CNEN</a><br>análise de segurança   irradiação de combustíveis   sistemas elétricos/fluidos/térmica   P&DT&I   | 28      | 17          | 0.607               | 55        | 21          | 0.382               | 2612     | 834         | 0.319               |
| 1628  | 6033    | 9099   | 222892 | <a href="#">Rinaldo RJ Guirro</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">MediciRibeirão PretoP</a><br>Recursos Fisioterapêuticos  | 28      | 18          | 0.643               | 87        | 42          | 0.483               | 2610     | 1175        | 0.450               |
| 10  | 6034    | 9101   | 222894 | <a href="#">Camargo Jib</a>                       |  Brazil   | <a href="#">Observatorio Nacional</a>                             | <a href="#">Astrônomo, Observatório Nacional/MCTI</a><br>Referenciais celestes   sistema solar   | 28      | 17          | 0.607               | 55        | 34          | 0.618               | 2610     | 1349        | 0.517               |
| 1629  | 6035    | 9106   | 222932 | <a href="#">Carlos Eli Piccinato</a>              |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">MediciRibeirão PretoSÃOfoã€</a><br>Medicina  | 28      | 13          | 0.464               | 56        | 22          | 0.393               | 2606     | 625         | 0.240               |
| 1630  | 6036    | 9109   | 222968 | <a href="#">Maria Gabriela Haye Biazevic</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Epidemiologia Bucal   Epidemiol.do Câncer de Boca   Epidemiologia e Ciências Forenses   Odontologia Forense   Bioética          | 28      | 22          | 0.786               | 61        | 41          | 0.672               | 2601     | 1255        | 0.483               |
| 11  | 6037    | 9110   | 222975 | <a href="#">Alvaro Alvarez-Candal</a>             |  Brazil | <a href="#">Observatorio Nacional</a>                             | <a href="#">Observatorio Nacional, Brazil</a><br>Solar System  | 28      | 15          | 0.536               | 49        | 38          | 0.776               | 2601     | 1329        | 0.511               |
| 253   | 6038    | 9111   | 222981 | <a href="#">Helton Santiago</a>                   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>         | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology of Infectious Diseases  | 28      | 17          | 0.607               | 43        | 30          | 0.698               | 2600     | 942         | 0.362               |
| 5   | 6039    | 9113   | 223011 | <a href="#">Lucio Souza Gonçalves</a>             |  Brazil | <a href="#">Universidade Estácio de Sá</a>                        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontology   Oral Microbiology   HIV-infection  | 28      | 21          | 0.750               | 51        | 43          | 0.843               | 2596     | 1870        | 0.720               |
| 1631  | 6040    | 9114   | 223012 | <a href="#">Silvia Helena Pires Serrano</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry Eletroanalytical Chemistry Bioelectrochemistry  | 28      | 16          | 0.571               | 51        | 29          | 0.569               | 2596     | 678         | 0.261               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 132   | 6041    | 9116   | 223032 | <a href="#">Carlos Frederico Deluqui Gurgel</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>phycology   molecular systemaitcs   marine biology   evolution   algae   | 28      | 21          | 0.750               | 48        | 39          | 0.813               | 2593     | 1460        | 0.563               |
| 47  | 6042    | 9117   | 223036 | <a href="#">Edila Vilela De Resende Von Pinho</a> |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   ciência e tecnologia de sementes   | 28      | 16          | 0.571               | 77        | 35          | 0.455               | 2592     | 1038        | 0.400               |
| 1632  | 6043    | 9119   | 223062 | <a href="#">Carmen Silvia Gabriel</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Health care administration   patient safety   quality in health care  | 28      | 22          | 0.786               | 70        | 56          | 0.800               | 2589     | 1742        | 0.673               |
| 1633  | 6044    | 9120   | 223071 | <a href="#">Flávio Teixeira Da Silva</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">da UniversidSão Paulo</a><br>Ciências Ambientais   Ecotoxicidade   Química da Madeira   Energia de Biomassa  | 28      | 17          | 0.607               | 70        | 33          | 0.471               | 2588     | 1056        | 0.408               |
| 93  | 6045    | 9121   | 223101 | <a href="#">Lia S Nakao</a>                       |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">BasicPathology</a><br>thiol proteins   uremia   vascular cells   oxidative stress   antioxidant  | 28      | 20          | 0.714               | 55        | 37          | 0.673               | 2585     | 1390        | 0.538               |
| 4   | 6046    | 9123   | 223144 | <a href="#">Fernando M. Araujo-Moreira</a>        |  Brazil   | <a href="#">Instituto Militar de Engenharia</a>                        | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Engenharia Nuclear   Engenharia Física   Supercondutividade e Magnetismo   Biotecnologia e Nanobiotecnologia   Defesa Nacional | 28      | 13          | 0.464               | 56        | 18          | 0.321               | 2579     | 705         | 0.273               |
| 4   | 6047    | 9124   | 223188 | <a href="#">Rogerio R Silva</a>                   |  Brazil   | <a href="#">Museu Paraense Emilio Goeldi</a>                           | <a href="#">Museu Emílio Goeldi, Coordenação de Ciências da Terra e Ecologia</a><br>Ecology   functional diversity   ants   ant taxonomy   community ecology   | 28      | 21          | 0.750               | 51        | 39          | 0.765               | 2572     | 1492        | 0.580               |
| 382   | 6048    | 9125   | 223235 | <a href="#">Alessandro M Varani</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Bioinformatics   Evolution   Mobile Genetic Elements   | 28      | 23          | 0.821               | 53        | 44          | 0.830               | 2567     | 1834        | 0.714               |
| 436   | 6049    | 9127   | 223246 | <a href="#">Renata Azevedo</a>                    |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   dependência química  | 28      | 18          | 0.643               | 35        | 24          | 0.686               | 2566     | 1611        | 0.628               |
| 437   | 6050    | 9128   | 223272 | <a href="#">Lucia Mei</a>                         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomateriais   Biocompósitos   Biodegradação   Síntese   | 28      | 19          | 0.679               | 54        | 36          | 0.667               | 2562     | 1503        | 0.587               |
| 30  | 6051    | 9129   | 223305 | <a href="#">Rodrigo Ribeiro Rodrigues</a>         |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">ImunologiEspírito Santo</a><br>imunologia   doenças infecciosas   microbiologia  | 28      | 15          | 0.536               | 48        | 28          | 0.583               | 2557     | 982         | 0.384               |
| 1634  | 6052    | 9130   | 223322 | <a href="#">Rafael Victorio Carvalho Guido</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Drug Design   Molecular Modeling   Infectious Diseases   | 28      | 18          | 0.643               | 56        | 35          | 0.625               | 2554     | 1181        | 0.462               |
| 383   | 6053    | 9131   | 223337 | <a href="#">Camila Coelho Greco</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |  | 28      | 17          | 0.607               | 61        | 43          | 0.705               | 2552     | 1217        | 0.477               |



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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 32  | 6054    | 9133   | 223348 | <a href="#">Mauricio M Mata</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                        | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>oceanografia   climate   cryosphere   antartica   oceanography                       | 28      | 22          | 0.786               | 60        | 45          | 0.750               | 2551     | 1241        | 0.486               |
| 15  | 6055    | 9135   | 223382 | <a href="#">Roberto Ruller</a>   |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>biotecnologia   biologia molecular   biocombustíveis   enzimas e Evolução Dirigida                            | 28      | 20          | 0.714               | 56        | 38          | 0.679               | 2548     | 1407        | 0.552               |
| 254   | 6056    | 9136   | 223402 | <a href="#">Cíntia Pereira</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia  | 28      | 16          | 0.571               | 54        | 28          | 0.519               | 2546     | 793         | 0.311               |
| 39  | 6057    | 9139   | 223448 | <a href="#">Enio Pedone Bandarr Filho Enio Pedone Bandarr Filho, Enio P Bandarra Filho</a> |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                             | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Nanofluids   Refrigeration   Heat Transfer   Renewable Energy                                 | 28      | 25          | 0.893               | 46        | 41          | 0.891               | 2541     | 1858        | 0.731               |
| 384   | 6058    | 9140   | 223452 | <a href="#">Fabio Porto Foresti</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Animal   Conservação Genética   Genetica de Peixes   Marcadores Genéticos              | 28      | 19          | 0.679               | 71        | 43          | 0.606               | 2540     | 1227        | 0.483               |
| 13  | 6059    | 9142   | 223462 | <a href="#">Maria Lucia Belem Pinheiro</a>   |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica.Química de Produtos Naturais de interesse medicinal e agrônômico. espectrometria de massas    | 28      | 20          | 0.714               | 68        | 45          | 0.662               | 2539     | 1215        | 0.479               |
| 12  | 6060    | 9143   | 223484 | <a href="#">Sérgio Augusto Oliveira Da Silva</a>   |  Brazil  | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics and Renewable Energies                                     | 28      | 19          | 0.679               | 52        | 30          | 0.577               | 2537     | 1366        | 0.538               |
| 53  | 6061    | 9144   | 223494 | <a href="#">Alexandre Melo Bailao</a>  |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                              | fungal pathogenesis   metal homeostasis   differential metabolism in dimorphic fungi   | 28      | 21          | 0.750               | 63        | 48          | 0.762               | 2535     | 1252        | 0.494               |
| 7   | 6062    | 9145   | 223498 | <a href="#">Ana Cristina Lacerda</a>   |  Brazil | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Ciências da saúde   Fisioterapia   Fisiologia do exercício   Reabilitação   Desempenho físico-funcional | 28      | 22          | 0.786               | 61        | 50          | 0.820               | 2534     | 1814        | 0.716               |
| 1635  | 6063    | 9147   | 223509 | <a href="#">Miguel Joaquim Dabdoub</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Orgânica   Biocombustível   Etanol   Biodiesel   | 28      | 8           | 0.286               | 51        | 6           | 0.118               | 2533     | 393         | 0.155               |
| 94  | 6064    | 9149   | 223529 | <a href="#">Paulo Roberto Dalsenter</a>  |  Brazil | <a href="#">Universidade Federal do Paraná</a>                                 | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia e Toxicologia   | 28      | 17          | 0.607               | 43        | 28          | 0.651               | 2531     | 843         | 0.333               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 133   | 6065    | 9151   | 223549 | <a href="#">Kenya Schmidt Reibnitz</a>                       |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Education / Education</a><br>educação em enfermagem   ensino na saúde   avaliação da aprendizagem   propostas curriculares e avaliação curricular   integr                                | 28      | 18          | 0.643               | 59        | 30          | 0.508               | 2528     | 860         | 0.340               |
| 63  | 6066    | 9153   | 223563 | <a href="#">Mirtes Garcia Pereira</a>                        |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">uiversidadefederal</a><br>Psicologia experimental   Psicobiologia   Emoção   Atenção   Transtorno do Estresse Pós-Traumático  | 28      | 23          | 0.821               | 51        | 43          | 0.843               | 2527     | 1284        | 0.508               |
| 385   | 6067    | 9155   | 223593 | <a href="#">Elidiane Cipriano Rangel</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | processamento de superfícies a plasma   | 28      | 23          | 0.821               | 77        | 52          | 0.675               | 2524     | 1781        | 0.706               |
| 1636  | 6068    | 9157   | 223606 | <a href="#">Mirian Yumie Nishi</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana   Biologia Molecular   Citogenética Humana   | 28      | 21          | 0.750               | 59        | 40          | 0.678               | 2523     | 1379        | 0.547               |
| 6   | 6069    | 9158   | 223652 | <a href="#">Pedro Herculanio Guimarães Ferreira de Souza</a> |  Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>               | <a href="#">Técnico de Planejamento e Pesquisa, Instituto de Pesquisa Econômica Aplicada (Ipea)</a><br>desigualdade de renda   estratificação social   mobilidade social   teoria sociológica   ricos | 28      | 21          | 0.750               | 49        | 41          | 0.837               | 2517     | 1502        | 0.597               |
| 107   | 6070    | 9159   | 223657 | <a href="#">Odair Pastor Ferreira</a>                        |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Ceará</a>   | 28      | 21          | 0.750               | 54        | 42          | 0.778               | 2516     | 1322        | 0.525               |
| 1637  | 6071    | 9160   | 223713 | <a href="#">Walter Carvalho</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Lorena</a><br>Conversão de lignocelulósicos   | 28      | 14          | 0.500               | 35        | 21          | 0.600               | 2509     | 969         | 0.386               |
| 155   | 6072    | 9161   | 223730 | <a href="#">Tulio Machado Fumian</a>                         |  Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Investigator at Oswaldo Cruz Institute</a><br>Virology  | 28      | 21          | 0.750               | 55        | 48          | 0.873               | 2506     | 1419        | 0.566               |
| 1638  | 6073    | 9164   | 223762 | <a href="#">Deisy Ventura</a>                                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">À%oticFSP/PCoord.doSaúGlobleSustentabilidade</a><br>Ética e Saúde Global   Migrações Internacionais   Educação para os Direitos Humanos   | 28      | 20          | 0.714               | 61        | 36          | 0.590               | 2501     | 1235        | 0.494               |
| 150   | 6074    | 9165   | 223765 | <a href="#">Sylvia Helena Souza Da Silva Batista</a>         |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Education / Education</a><br>Educação Interprofissional em Saúde   Formação de Professores   Aprendizagem   Interdisciplinaridade   | 28      | 21          | 0.750               | 48        | 36          | 0.750               | 2501     | 1324        | 0.529               |
| 64  | 6075    | 9166   | 223769 | <a href="#">Allan Jefferson Guimaraes</a>                    |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Associa</a>   | 28      | 21          | 0.750               | 45        | 40          | 0.889               | 2501     | 1447        | 0.579               |
| 48  | 6076    | 9168   | 223797 | <a href="#">Rilke Tadeu Fonseca De Freitas</a>               |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">titualrdoZootecniUniversidaLavras</a><br>Melhoramento genético  | 28      | 12          | 0.429               | 79        | 24          | 0.304               | 2497     | 715         | 0.286               |
| 243   | 6077    | 9170   | 223811 | <a href="#">Tiana Tasca</a>                                  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">EnsinoSuperiorFarmáciRioGrandeê!</a><br>Saúde   Parasitologia   | 28      | 19          | 0.679               | 77        | 42          | 0.545               | 2495     | 1236        | 0.495               |





| AD Scientific Index - 2023 Brazil Top 10.000 Scientists |         |        |        |  |  |  |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name                                       | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 6078    | 9172   | 223821 | <a href="#">Marcelo MF Saba</a>            |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                | <a href="#">Pesquisador do Instituto Nacional de Pesquisas Espaciais</a><br>relâmpago   raio   tempestade   lightning   thunderstorm   | 28      | 19          | 0.679               | 51        | 32          | 0.627               | 2494     | 922         | 0.370               |
| 386   | 6079    | 9173   | 223828 | <a href="#">Marcos FS Teixeira</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemical sensors   Molecular recognition   Electroactive polymers   Photoelectrochemical   Chemiresistor                           | 28      | 18          | 0.643               | 66        | 36          | 0.545               | 2493     | 938         | 0.376               |
| 438   | 6080    | 9174   | 223836 | <a href="#">Alessandra Gambero</a>         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia   Fisiologia  | 28      | 19          | 0.679               | 50        | 33          | 0.660               | 2493     | 1088        | 0.436               |
| 439   | 6081    | 9175   | 223846 | <a href="#">Frab Norberto Boscolo</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Medical and Health Sciences / Dentistry</a><br>Radiologia Odontológica   | 28      | 15          | 0.536               | 72        | 29          | 0.403               | 2491     | 925         | 0.371               |
| 6   | 6082    | 9176   | 223852 | <a href="#">LEANDRO FREITAS</a>            |  Brazil   | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a> | <a href="#">Pesquisador do Jardim Botânico do Rio de Janeiro</a><br>Botânica   Ecologia   Conservação da Biodiversidade  | 28      | 21          | 0.750               | 55        | 41          | 0.745               | 2490     | 1596        | 0.641               |
| 8   | 6083    | 9178   | 223887 | <a href="#">Ana Helena Januário</a>        |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Cromatografia Líquida   Microrganismos   Produtos Naturais Marinhos | 28      | 18          | 0.643               | 55        | 36          | 0.655               | 2485     | 1090        | 0.439               |
| 3   | 6084    | 9179   | 223888 | <a href="#">Fernando Branco Barletta</a>   |  Brazil  | <a href="#">Universidade Luterana do Brasil ULBRA</a>                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia odontologia  | 28      | 19          | 0.679               | 51        | 34          | 0.667               | 2485     | 1027        | 0.413               |
| 54  | 6085    | 9180   | 223889 | <a href="#">Ruth Minamisava</a>            |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                        | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Epidemiology   Pediatric nursing  | 28      | 20          | 0.714               | 49        | 40          | 0.816               | 2485     | 1481        | 0.596               |
| 440   | 6086    | 9181   | 223913 | <a href="#">Sérgio Tadeu Martins Marba</a> |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Medical and Health Sciences / Neonatology</a><br>Neonatologia  | 28      | 18          | 0.643               | 63        | 30          | 0.476               | 2481     | 916         | 0.369               |
| 1639  | 6087    | 9182   | 223933 | <a href="#">Edson Abdala</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Moléstias Infecciosas Parasitárias e Imunopatológicas</a><br>Infecção em imunodeprimidos   oncologia   transplantes   hepatites virais   | 28      | 23          | 0.821               | 57        | 47          | 0.825               | 2479     | 1757        | 0.709               |
| 1640  | 6088    | 9184   | 223941 | <a href="#">Thais Zerbini</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Social Sciences / Psychology</a><br>Psicologia Organizacional e do Trabalho   Treinamento   Desenvolvimento e Educação de pessoas   Avaliação de Treinamento   Educ            | 28      | 19          | 0.679               | 54        | 40          | 0.741               | 2478     | 1147        | 0.463               |
| 1641  | 6089    | 9186   | 223956 | <a href="#">Edwin Tamashiro</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Otorhinolaryngology   | 28      | 22          | 0.786               | 48        | 40          | 0.833               | 2476     | 1563        | 0.631               |


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|---|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 6090    | 9187   | 223966 | <a href="#">Gérson Tontini</a>                        |  Brazil   | <a href="#">Universidade Regional de Blumenau FURB</a>   | <a href="#">RegionalBlumenauFURB</a><br>Customer Satisfaction   Customer Needs   Market Research   Maturity Model   Service Quality  | 28      | 19          | 0.679               | 47        | 26          | 0.553               | 2475     | 1169        | 0.472               |
| 81  | 6091    | 9188   | 223976 | <a href="#">Marisa Queiroz</a>                        |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Microbiologia   Biologia Molecular   Genética de Microrganismos   | 28      | 19          | 0.679               | 74        | 37          | 0.500               | 2473     | 1372        | 0.555               |
| 57  | 6092    | 9189   | 223981 | <a href="#">Mauro Guida Santos</a>                    |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Ecophysiology   gas exchange   sugar metabolism   plant water relations   tropical dry forest              | 28      | 23          | 0.821               | 52        | 46          | 0.885               | 2473     | 1423        | 0.575               |
| 15  | 6093    | 9190   | 223984 | <a href="#">Luciana Mourão</a>                        |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora dos Programas de Pós-Graduação em Psicologia Social a Universidade ...</a><br>Desenvolvimento profissional   Trajetória de Carreira   Psicologia Social | 28      | 20          | 0.714               | 68        | 54          | 0.794               | 2472     | 1459        | 0.590               |
| 1642  | 6094    | 9191   | 223997 | <a href="#">José Belasque Junior</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">ESALO/P</a><br>Fitopatologia   | 28      | 19          | 0.679               | 54        | 36          | 0.667               | 2471     | 1171        | 0.474               |
| 8   | 6095    | 9192   | 224003 | <a href="#">Keyller Bastos Borges</a>                 |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>                                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Sample preparation   Analytical Chemistry   Capillary electrophoresis   Chromatography                                 | 28      | 23          | 0.821               | 76        | 59          | 0.776               | 2470     | 1555        | 0.630               |
| 33  | 6096    | 9193   | 224005 | <a href="#">Jamila Geri Tomaszewski Barlem</a>        |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>  | <a href="#">ndEnfermagem&amp;E!</a><br>Enfermagem   Educação em Enfermagem   Ética   Advocacia do Paciente   | 28      | 25          | 0.893               | 62        | 58          | 0.935               | 2470     | 1931        | 0.782               |
| 95  | 6097    | 9194   | 224021 | <a href="#">Adriano Codato</a>                        |  Brazil | <a href="#">Universidade Federal do Paraná</a>   | <a href="#">Social Sciences / Political Science</a><br>brazilian politics   political science   political elites   political recruitment   scientometrics                      | 28      | 20          | 0.714               | 60        | 42          | 0.700               | 2468     | 1297        | 0.526               |
| 1643  | 6098    | 9195   | 224026 | <a href="#">Ana Carolina Japur De Sa Rosa E Silva</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">MediciRibeirãoPreto</a><br>Reprodução Humana   Ginecologia Endócrina   Ginecologia Infanto-Puberal e Reprodução Assistida  | 28      | 18          | 0.643               | 62        | 35          | 0.565               | 2467     | 1154        | 0.468               |
| 244   | 6099    | 9196   | 224057 | <a href="#">Elirio E Toldo Jr</a>                     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia Geológica   | 28      | 18          | 0.643               | 71        | 41          | 0.577               | 2462     | 1098        | 0.446               |
| 1644  | 6100    | 9197   | 224067 | <a href="#">Isabel Cristina Martins De Freitas</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Modelos Multinível   Modelos de Equações estruturais                           | 28      | 17          | 0.607               | 58        | 29          | 0.500               | 2461     | 980         | 0.398               |
| 44  | 6101    | 9198   | 224074 | <a href="#">Richardson Leão</a>                       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>                                      | <a href="#">Brain/UFRN</a>   | 28      | 19          | 0.679               | 44        | 33          | 0.750               | 2461     | 1323        | 0.538               |

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| 25  | 6102    | 9200   | 224101 | <a href="#">Andre Lessa</a>                         |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Physics   High Energy Phenomenology  | 28      | 18          | 0.643               | 36        | 20          | 0.556               | 2457     | 1345        | 0.547               |
| 39  | 6103    | 9202   | 224116 | <a href="#">Gustavo Maia Souza</a>                  |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Plant ecophysiology   crop physiology   photosynthesis   plant abiotic stress   plant cognition                   | 28      | 23          | 0.821               | 75        | 47          | 0.627               | 2454     | 1415        | 0.577               |
| 387   | 6104    | 9203   | 224123 | <a href="#">Ricardo Luiz Nunes De Souza</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Neurociências   Farmacologia   Fisiologia   Psicobiologia  | 28      | 16          | 0.571               | 54        | 31          | 0.574               | 2453     | 783         | 0.319               |
| 156   | 6105    | 9205   | 224140 | <a href="#">Carlos Roberto Alves</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Biochemistry   Immunology   | 28      | 17          | 0.607               | 58        | 34          | 0.586               | 2451     | 1044        | 0.426               |
| 245   | 6106    | 9207   | 224150 | <a href="#">Maria Ceci Misoczky</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Organization Studies   Social Movements  | 28      | 16          | 0.571               | 61        | 31          | 0.508               | 2450     | 939         | 0.383               |
| 4   | 6107    | 9209   | 224174 | <a href="#">Tereza Cristina Giannini</a>            |  Brazil   | <a href="#">Instituto Tecnológico Vale</a>                             | <a href="#">Natural Sciences / Biological Science</a><br>ecologia  | 28      | 25          | 0.893               | 45        | 41          | 0.911               | 2448     | 1784        | 0.729               |
| 87  | 6108    | 9210   | 224177 | <a href="#">Dauri José Tessmann</a>                 |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Proteção de Plantas   Fitopatologia  | 28      | 17          | 0.607               | 60        | 33          | 0.550               | 2447     | 1051        | 0.430               |
| 108   | 6109    | 9211   | 224216 | <a href="#">Mirna Bezerra</a>                       |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Inflamação   Dor  | 28      | 21          | 0.750               | 54        | 40          | 0.741               | 2442     | 1218        | 0.499               |
| 1645  | 6110    | 9212   | 224231 | <a href="#">Priscila Silva Oliveira</a>             |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">QualidEProdutividAnimalpelZootecniFa&amp;E!</a><br>Melhoramento genético dos animais de produção   | 28      | 22          | 0.786               | 61        | 44          | 0.721               | 2440     | 1663        | 0.682               |
| 255   | 6111    | 9216   | 224277 | <a href="#">Willian R Rocha</a>                     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Theoretical and Computational Chemistry   Bioinorganic Chemistry   Catalysis   Reactivity in Chemistry and Biology | 28      | 15          | 0.536               | 72        | 23          | 0.319               | 2434     | 838         | 0.344               |
| 388   | 6112    | 9217   | 224282 | <a href="#">Cristiane Duque</a>                     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Microbiologia   Imunologia  | 28      | 25          | 0.893               | 64        | 55          | 0.859               | 2433     | 1528        | 0.628               |
| 1646  | 6113    | 9218   | 224288 | <a href="#">Mayra Elena Ortiz D Avila Assumpção</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Reprodução Animal   | 28      | 22          | 0.786               | 66        | 40          | 0.606               | 2432     | 1378        | 0.567               |
| 4   | 6114    | 9220   | 224303 | <a href="#">Juliano Tadeu Vilela De Resende</a>     |  Brazil | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomy   plant breeding   tomato   | 28      | 21          | 0.750               | 75        | 61          | 0.813               | 2430     | 1611        | 0.663               |

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| 441   | 6115    | 9221   | 224356 | <a href="#">Jose B Lopes De Faria</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Nephrology</a><br>diabetic nephropathy   | 28      | 17          | 0.607               | 43        | 21          | 0.488               | 2424     | 804         | 0.332               |
| 389   | 6116    | 9223   | 224369 | <a href="#">André Mendes Jorge</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">CaracterísticasCarcaçaRuminantesUniversida&amp;#228;!</a><br>Bovinocultura de Corte   Avaliação e Tipificação de Carcaças   Ultrassonografia   Bubalinocultura | 28      | 13          | 0.464               | 72        | 20          | 0.278               | 2422     | 659         | 0.272               |
| 256   | 6117    | 9224   | 224377 | <a href="#">Grace Schenatto Pereira</a>         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Physiology</a><br>neuroci&#228;ncias   | 28      | 20          | 0.714               | 50        | 37          | 0.740               | 2422     | 1134        | 0.468               |
| 96  | 6118    | 9225   | 224393 | <a href="#">Sonia Raboni</a>                    |  Brazil   | <a href="#">Universidade Federal do Paran&amp;#228;</a>                | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Doen&#227;as infecciosas   virologia  | 28      | 19          | 0.679               | 73        | 47          | 0.644               | 2420     | 1377        | 0.569               |
| 40  | 6119    | 9226   | 224394 | <a href="#">Marcelo Beletti</a>                 |  Brazil   | <a href="#">Universidade Federal de Uberl&amp;#228;ndia</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology   Biology of Reproduction   Reproductive Biology                                       | 28      | 19          | 0.679               | 68        | 44          | 0.647               | 2420     | 1160        | 0.479               |
| 112   | 6120    | 9229   | 224425 | <a href="#">Marcio Jose Martins</a>             |  Brazil   | <a href="#">Universidade Federal de S&amp;#227;o Carlos</a>            | <a href="#">Natural Sciences / Physics</a><br>physics   mathematical physics   statistical physics   field theory  | 28      | 10          | 0.357               | 65        | 10          | 0.154               | 2416     | 354         | 0.147               |
| 442   | 6121    | 9230   | 224437 | <a href="#">Cynthia Baú Betim Cazarin</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">UNICAMP</a><br>Bioactive Compounds and Nutrition   | 28      | 26          | 0.929               | 50        | 48          | 0.960               | 2415     | 2070        | 0.857               |
| 65  | 6122    | 9231   | 224445 | <a href="#">Gutemberg Gomes Alves</a>           |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology   toxicology   biomaterials   platelet-rich plasma   science education                 | 28      | 23          | 0.821               | 54        | 41          | 0.759               | 2413     | 1440        | 0.597               |
| 1647  | 6123    | 9232   | 224456 | <a href="#">Regina Maria Franca Fernandes</a>   |  Brazil | <a href="#">Universidade de S&amp;#227;o Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Neurology</a><br>Epileptology   Clinical Neurophysiology   Neurology   | 28      | 17          | 0.607               | 57        | 33          | 0.579               | 2411     | 914         | 0.379               |
| 1648  | 6124    | 9233   | 224457 | <a href="#">Ruy Jaeger</a>                      |  Brazil | <a href="#">Universidade de S&amp;#227;o Paulo USP</a>                 |  | 28      | 13          | 0.464               | 53        | 20          | 0.377               | 2411     | 637         | 0.264               |
| 257   | 6125    | 9234   | 224501 | <a href="#">Marcos Rodrigues</a>                |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Ornithology   Conservation Biology   Behavioural Ecology   Animal Behaviour   Ecology  | 28      | 16          | 0.571               | 69        | 31          | 0.449               | 2404     | 1003        | 0.417               |
| 16  | 6126    | 9235   | 224519 | <a href="#">Wesley Nunes Gon&amp;#227;alves</a> |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision   Pattern Recognition   | 28      | 24          | 0.857               | 59        | 50          | 0.847               | 2402     | 1898        | 0.790               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 443   | 6127    | 9236   | 224520 | <a href="#">Érico Teixeira Neto</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Technology   | 28      | 22          | 0.786               | 57        | 45          | 0.789               | 2402     | 1393        | 0.580               |
| 134   | 6128    | 9238   | 224544 | <a href="#">Maurício E Graipel</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Conservation biology   Mammalogy  | 28      | 19          | 0.679               | 51        | 36          | 0.706               | 2399     | 1241        | 0.517               |
| 55  | 6129    | 9240   | 224567 | <a href="#">Matheus S Lima Ribeiro</a>         |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   biogeografia   paleobiologia   | 28      | 24          | 0.857               | 62        | 54          | 0.871               | 2396     | 1653        | 0.690               |
| 19  | 6130    | 9241   | 224568 | <a href="#">Fernando Bittencourt Luciano</a>   |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>            | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Microbiology   Meat Science   Natural Antimicrobials   Product Development | 28      | 26          | 0.929               | 56        | 49          | 0.875               | 2396     | 1770        | 0.739               |
| 1649  | 6131    | 9242   | 224573 | <a href="#">Humberto Breves Coda</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Mecânica dos Sólidos   | 28      | 16          | 0.571               | 71        | 39          | 0.549               | 2395     | 940         | 0.392               |
| 55  | 6132    | 9243   | 224596 | <a href="#">Vanerli Beloti</a>                 |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | leite   qualidade do leite e derivados   fraudes no leite   microbiologia de alimentos   | 28      | 18          | 0.643               | 57        | 33          | 0.579               | 2391     | 1096        | 0.458               |
| 1650  | 6133    | 9244   | 224603 | <a href="#">Chaiana Piovesan</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Odontopediatria  | 28      | 24          | 0.857               | 40        | 34          | 0.850               | 2390     | 1352        | 0.566               |
| 390   | 6134    | 9245   | 224618 | <a href="#">Mauro Mitsuuchi Tashima</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Civil   Materiais de Construção   Aglomerantes Alternativos   Resíduos.               | 28      | 25          | 0.893               | 56        | 47          | 0.839               | 2387     | 1786        | 0.748               |
| 391   | 6135    | 9247   | 224639 | <a href="#">Mauro Gonçalves</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>biomecânica   | 28      | 17          | 0.607               | 67        | 35          | 0.522               | 2384     | 1012        | 0.424               |
| 1651  | 6136    | 9248   | 224652 | <a href="#">Luiz Alberto Beraldo De Moraes</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Mass Spectrometry   Bioactive Natural Products   | 28      | 20          | 0.714               | 68        | 44          | 0.647               | 2381     | 1344        | 0.564               |
| 3   | 6137    | 9249   | 224664 | <a href="#">Ewerton Caetano</a>                |  Brazil | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Ceará</a> | <a href="#">Professor de Física, Instituto Federal do Ceará</a><br>Física  | 28      | 19          | 0.679               | 74        | 48          | 0.649               | 2379     | 1215        | 0.511               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 392   | 6138    | 9250   | 224667 | <a href="#">Cleopatra S Planeta</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>dependência   cocaína   psicoestimulantes   nicotina   estresse   | 28      | 17          | 0.607               | 56        | 33          | 0.589               | 2379     | 871         | 0.366               |
| 82  | 6139    | 9252   | 224705 | <a href="#">Juraci Oliveira</a>               |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     |   | 28      | 22          | 0.786               | 61        | 40          | 0.656               | 2372     | 1527        | 0.644               |
| 3   | 6140    | 9254   | 224710 | <a href="#">Helinando Pequeno De Oliveira</a> |  Brazil   | <a href="#">Universidade Federal do Vale do São Francisco UNIVASF</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros condutores   espectroscopia de impedância   dispositivos   supercapacitores | 28      | 21          | 0.750               | 66        | 49          | 0.742               | 2371     | 1686        | 0.711               |
| 238   | 6141    | 9256   | 224763 | <a href="#">Victor Teixeira Da Silva</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering   Catalysis   Kinetics  | 28      | 22          | 0.786               | 55        | 39          | 0.709               | 2363     | 1317        | 0.557               |
| 10  | 6142    | 9258   | 224878 | <a href="#">Silvio Cesar Sampaio</a>          |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>      |   | 28      | 15          | 0.536               | 77        | 37          | 0.481               | 2343     | 992         | 0.423               |
| 1652  | 6143    | 9259   | 224882 | <a href="#">Camila Malta Romano</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">CientíficoLIM52MedicinTropicalP</a><br>Virology   Viral Evolution   Endogenous Retroviruses   | 28      | 20          | 0.714               | 56        | 43          | 0.768               | 2343     | 1391        | 0.594               |
| 239   | 6144    | 9260   | 224894 | <a href="#">Antonio Carlos Pires Carvalho</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">MedicinRioJaneiroUFRJ</a><br>Medicina   Educação Médica   Radiologia  | 28      | 19          | 0.679               | 59        | 33          | 0.559               | 2341     | 1190        | 0.508               |
| 88  | 6145    | 9261   | 224927 | <a href="#">Renata Pascotto</a>               |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística   | 28      | 22          | 0.786               | 51        | 41          | 0.804               | 2338     | 1375        | 0.588               |
| 1653  | 6146    | 9262   | 224936 | <a href="#">Michele Michelin</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biotecnologia   Microbiologia Aplicada   Bioquímica de Microrganismos   Enzimologia                                      | 28      | 22          | 0.786               | 54        | 44          | 0.815               | 2337     | 1508        | 0.645               |
| 1654  | 6147    | 9263   | 224961 | <a href="#">Rubens Fazan Jr</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Cardiovascular Physiology Heart Rate Variability </a><br>Cardiovascular Physiology   Heart Rate Variability   | 28      | 18          | 0.643               | 70        | 33          | 0.471               | 2333     | 1023        | 0.438               |
| 1655  | 6148    | 9264   | 224964 | <a href="#">Ana Marli Christovam Sartori</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectious Diseases   Epidemiology   Surveillance   Health Economics   | 28      | 18          | 0.643               | 50        | 32          | 0.640               | 2333     | 855         | 0.366               |
| 66  | 6149    | 9265   | 224965 | <a href="#">Eduardo Moreira Da Silva</a>      |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomateriais restauradores  | 28      | 22          | 0.786               | 49        | 44          | 0.898               | 2333     | 1267        | 0.543               |
| 11  | 6150    | 9266   | 224985 | <a href="#">Flavio Santos Damos</a>           |  Brazil | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Sistemas Fotoeletroquímicos   Fotocatálise   Sensores e Biosensores   Química de Interfaces                               | 28      | 16          | 0.571               | 64        | 34          | 0.531               | 2329     | 864         | 0.371               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1656  | 6151    | 9267   | 224989 | <a href="#">Helio Cesar Salgado</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia  | 28      | 9           | 0.321               | 65        | 9           | 0.138               | 2328     | 345         | 0.148               |
| 151   | 6152    | 9268   | 225020 | <a href="#">Marimelia Porcionatto</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>neurobiology   stem cell   | 28      | 18          | 0.643               | 49        | 32          | 0.653               | 2324     | 959         | 0.413               |
| 17  | 6153    | 9271   | 225080 | <a href="#">Gustavo Christofoletti</a>                |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Physical therapy   neurologic disorders   balance   cognitive functions  | 28      | 21          | 0.750               | 47        | 34          | 0.723               | 2316     | 1157        | 0.500               |
| 135   | 6154    | 9272   | 225083 | <a href="#">Vanderlei Gageiro Machado</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>supramolecular chemistry   physical organic chemistry   dyes   solvent effects   supramolecular analytical chemistry  | 28      | 16          | 0.571               | 63        | 34          | 0.540               | 2315     | 954         | 0.412               |
| 41  | 6155    | 9273   | 225093 | <a href="#">Sérgio Vitorino Cardoso</a>               |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology   Odontogenic tumors   oral cancer  | 28      | 18          | 0.643               | 69        | 32          | 0.464               | 2314     | 1084        | 0.468               |
| 114   | 6156    | 9275   | 225120 | <a href="#">Marcílio Cunha Filho</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Tecnologia Farmacêutica   | 28      | 25          | 0.893               | 76        | 69          | 0.908               | 2309     | 1864        | 0.807               |
| 393   | 6157    | 9276   | 225129 | <a href="#">Mauricio Boscolo</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 28      | 21          | 0.750               | 51        | 40          | 0.784               | 2308     | 1287        | 0.558               |
| 136   | 6158    | 9277   | 225155 | <a href="#">Rafael Holdorf Lopez</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Optimization   Reliability   Structural Engineering   | 28      | 22          | 0.786               | 50        | 41          | 0.820               | 2305     | 1503        | 0.652               |
| 31  | 6159    | 9279   | 225191 | <a href="#">Paulo Roberto Filgueiras</a>              |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Quimiometria   Petróleo   Espectroscopia   Aprendizagem de máquina  | 28      | 24          | 0.857               | 73        | 70          | 0.959               | 2299     | 1950        | 0.848               |
| 444   | 6160    | 9282   | 225228 | <a href="#">Karine Laura Cortellazzi</a>              |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>estatística   epidemiologia   saúde coletiva   | 28      | 23          | 0.821               | 57        | 47          | 0.825               | 2292     | 1411        | 0.616               |
| 51  | 6161    | 9283   | 225259 | <a href="#">Ercules Epaminondas De Sousa Teotonio</a> |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Inorgânica   Compostos de Coordenação   luminescência   Espectroscopia de Compostos de Coordenação  | 28      | 18          | 0.643               | 39        | 30          | 0.769               | 2289     | 807         | 0.353               |
| 394   | 6162    | 9284   | 225264 | <a href="#">Newton Luiz Dias Filho</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">ModificaçãOligômeros poliédricos silsesquioxanos e suas aplicaçOes em catáliseadsorçãO e compôositos e nanoco</a><br>Modificação de oligômeros poliédricos de silsesquioxanos e suas aplicações em catálise   adsorção e compôositos e nanoco | 28      | 12          | 0.429               | 62        | 19          | 0.306               | 2288     | 596         | 0.260               |
| 1657  | 6163    | 9287   | 225307 | <a href="#">Sophia Karlla Almeida Motta Gallo</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>comportamento alimentar infantil   desenvolvimento infantil   saúde da criança   psicologia cognitiva   | 28      | 21          | 0.750               | 53        | 43          | 0.811               | 2282     | 1447        | 0.634               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 258   | 6164    | 9289   | 225318 | <a href="#">Rosana Zacarias Domingues</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>biomateriais   energia   corrosão   pilhas a combustivel  | 28      | 17          | 0.607               | 50        | 30          | 0.600               | 2281     | 1018        | 0.446               |
| 36  | 6165    | 9290   | 225333 | <a href="#">Renan Campos Chisté Assistant</a>      |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science and Technology   Bioactive Compounds and Antioxidant capacity   Amazonian fruits   Carotenoids and Phenolic compounds | 28      | 24          | 0.857               | 51        | 47          | 0.922               | 2279     | 1491        | 0.654               |
| 240   | 6166    | 9292   | 225369 | <a href="#">Rubens De Andrade Júnior</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>Desenvolvimento de Dispositivos Elétricos Supercondutores   | 28      | 17          | 0.607               | 59        | 32          | 0.542               | 2270     | 1020        | 0.449               |
| 445   | 6167    | 9294   | 225387 | <a href="#">Pietro Kiyoshi Maruyama Mendonça</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Pollination   Ecology   Interactions   Hummingbirds   Tropical Biodiversity  | 28      | 24          | 0.857               | 47        | 44          | 0.936               | 2267     | 1788        | 0.789               |
| 71  | 6168    | 9296   | 225403 | <a href="#">Ricardo Wagner Dias Portela</a>        |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Veterinary Immunology   Veterinary Infectious Diseases   Immunodiagnosis   Veterinary Vaccines  | 28      | 21          | 0.750               | 49        | 40          | 0.816               | 2264     | 1324        | 0.585               |
| 42  | 6169    | 9297   | 225409 | <a href="#">Eloisa Vieira Ferro</a>                |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Congenital toxoplasmosis   Trophoblastics cell   | 28      | 18          | 0.643               | 65        | 45          | 0.692               | 2263     | 1057        | 0.467               |
| 246   | 6170    | 9298   | 225444 | <a href="#">Osvaldo Casagrande</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>ORGANOMETALLIC CHEMISTRY   CATALYSIS  | 28      | 15          | 0.536               | 58        | 20          | 0.345               | 2255     | 495         | 0.220               |
| 247   | 6171    | 9299   | 225447 | <a href="#">Karen Luisa Haag</a>                   |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary biology   parasites   | 28      | 17          | 0.607               | 41        | 27          | 0.659               | 2255     | 749         | 0.332               |
| 67  | 6172    | 9300   | 225450 | <a href="#">Antonio Zelaquett Khoury</a>           |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | Ótica Quântica   Informação Quântica   Ótica  | 28      | 19          | 0.679               | 57        | 34          | 0.596               | 2254     | 1035        | 0.459               |
| 57  | 6173    | 9303   | 225469 | <a href="#">Vanessa Souza Mello</a>                |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Medical and Health Sciences / Anatomy</a><br>Biologia Celular   Bioquímica da Nutrição   Biologia Molecular   Diabetes   PPARs  | 28      | 23          | 0.821               | 47        | 46          | 0.979               | 2250     | 1515        | 0.673               |
| 395   | 6174    | 9305   | 225491 | <a href="#">Débora Simões De Almeida Colombari</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Fisiologia de órgãos e sistemas   neurofisiologia  | 28      | 15          | 0.536               | 64        | 31          | 0.484               | 2244     | 901         | 0.402               |
| 1658  | 6175    | 9306   | 225516 | <a href="#">Michelle Alexandra Chinelatti</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a>   | 28      | 15          | 0.536               | 44        | 22          | 0.500               | 2241     | 754         | 0.336               |




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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 259   | 6176    | 9307   | 225519 | <a href="#">Álvaro Cantini Nunes</a>                        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   vacinas orais   lactobacilos   probióticos   | 28      | 21          | 0.750               | 51        | 41          | 0.804               | 2240     | 1136        | 0.507               |
| 113   | 6177    | 9309   | 225565 | <a href="#">Fernando Cruz De Moraes</a>                     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletrorquímica   Eletroanalítica   Sensores Eletroquímicos   | 28      | 23          | 0.821               | 45        | 36          | 0.800               | 2229     | 1362        | 0.611               |
| 68  | 6178    | 9310   | 225566 | <a href="#">Marcos Flavio De Campos</a>                     |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Materiais magneticos   metalurgia fisica   cristalografia   conformacao mecanica                  | 28      | 14          | 0.500               | 67        | 27          | 0.403               | 2228     | 885         | 0.397               |
| 97  | 6179    | 9311   | 225588 | <a href="#">Renato Perissinotto</a>                         |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Social Sciences / Political Science</a><br>Ciência Política   Sociologia   História  | 28      | 17          | 0.607               | 52        | 30          | 0.577               | 2225     | 812         | 0.365               |
| 109   | 6180    | 9314   | 225622 | <a href="#">Edson H Teixeira</a>                            |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   lectins   cancer   biofilms   | 28      | 19          | 0.679               | 65        | 46          | 0.708               | 2218     | 1198        | 0.540               |
| 115   | 6181    | 9316   | 225644 | <a href="#">João Luiz Quagliotti Durigan</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Skeletal muscle plasticity   Electrophysical agents   Neuromuscular electrical stimulation                  | 28      | 22          | 0.786               | 64        | 46          | 0.719               | 2214     | 1522        | 0.687               |
| 114   | 6182    | 9317   | 225645 | <a href="#">Nelci Adriana Cicuto Ferreira Rocha</a>         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Desenvolvimento infantil   avaliação do movimento humano   intervenção em neuropediatria                    | 28      | 21          | 0.750               | 60        | 46          | 0.767               | 2214     | 1317        | 0.595               |
| 1659  | 6183    | 9318   | 225659 | <a href="#">Miled Hassan Youssef Moussa</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Fundamentos da Mecânica Quântica   Óptica Quântica   Sistemas Quânticos Abertos   Mecânica Quântica dos Hamiltonianos PT-sim | 28      | 11          | 0.393               | 60        | 17          | 0.283               | 2212     | 637         | 0.288               |
| 1660  | 6184    | 9319   | 225677 | <a href="#">Márcia Helena Rissato Zamariolli Damianovic</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | tratamento de águas residuárias   remoção de nutrientes de esgotos   processos anaeróbios   sulfetogênese   microbiologia apli   | 28      | 22          | 0.786               | 50        | 43          | 0.860               | 2208     | 1426        | 0.646               |
| 1661  | 6185    | 9320   | 225680 | <a href="#">Ricardo Fock</a>                                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a>   | 28      | 20          | 0.714               | 52        | 41          | 0.788               | 2207     | 1253        | 0.568               |
| 8   | 6186    | 9321   | 225688 | <a href="#">Claudete Ferreira De Souza Monteiro</a>         |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professora da enfermagem</a>   | 28      | 19          | 0.679               | 55        | 29          | 0.527               | 2206     | 1056        | 0.479               |
| 5   | 6187    | 9323   | 225729 | <a href="#">Maria Das Graças Vale Barbosa Guerra</a>        |  Brazil | <a href="#">Universidade do Estado do Amazonas UEA</a>                 | Entomologia médica   | 28      | 17          | 0.607               | 52        | 26          | 0.500               | 2197     | 896         | 0.408               |
| 396   | 6188    | 9324   | 225732 | <a href="#">Rodnei Dennis Rossoni</a>                       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Candida albicans   Photodynamic Therapy   Biofilms   Galleria mellonella   Probiotics                        | 28      | 26          | 0.929               | 42        | 42          | 1.000               | 2197     | 1589        | 0.723               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1662  | 6189    | 9327   | 225807 | <a href="#">Samantha C Pinho</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">UniversidSão Paulo</a><br>Ciência e Tecnologia de Alimentos   Microencapsulação   Desenvolvimento de Produtos   Digestibilidade in vitro | 28      | 23          | 0.821               | 45        | 40          | 0.889               | 2178     | 1585        | 0.728               |
| 157   | 6190    | 9333   | 225998 | <a href="#">Otacilio C. Moreira</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular diagnosis   parasitology   biochemistry                             | 28      | 25          | 0.893               | 53        | 48          | 0.906               | 2132     | 1586        | 0.744               |
| 125   | 6191    | 9334   | 226000 | <a href="#">Sergio De Oliveira Procópio</a>        |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Embrapa Meio Ambiente</a><br>matologia   sistemas de produção  | 28      | 12          | 0.429               | 52        | 15          | 0.288               | 2132     | 565         | 0.265               |
| 115   | 6192    | 9335   | 226024 | <a href="#">Mauricio Jamami</a>                    |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                               | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia  | 28      | 16          | 0.571               | 49        | 33          | 0.673               | 2125     | 887         | 0.417               |
| 19  | 6193    | 9337   | 226055 | <a href="#">Emiliane Nogueira De Souza</a>         |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   Taxonomias de enfermagem   Enfermagem   Intensivismo                       | 28      | 18          | 0.643               | 65        | 36          | 0.554               | 2115     | 1064        | 0.503               |
| 45  | 6194    | 9342   | 226120 | <a href="#">Maria Bernardete Cordeiro De Sousa</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>                      | <a href="#">CérebroRioGrandeNorte</a><br>Neuroendocrinologia   estresse   marcadores biológicos  | 28      | 18          | 0.643               | 47        | 26          | 0.553               | 2097     | 1032        | 0.492               |
| 248   | 6195    | 9343   | 226125 | <a href="#">Ives Solano Araujo</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Natural Sciences / Physics</a><br>Ensino de Física   | 28      | 21          | 0.750               | 46        | 30          | 0.652               | 2096     | 1229        | 0.586               |
| 7   | 6196    | 9344   | 226134 | <a href="#">raquel maia</a>                        |  Brazil  | <a href="#">Instituto Nacional de Cancer</a>                                     | <a href="#">Médica e Pesquisadora do Instituto Nacional de Câncer</a><br>hematologia e oncologia   | 28      | 15          | 0.536               | 60        | 29          | 0.483               | 2093     | 783         | 0.374               |
| 20  | 6197    | 9345   | 226146 | <a href="#">Pedro Roosevelt Torres Romao</a>       |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 28      | 18          | 0.643               | 55        | 37          | 0.673               | 2090     | 1106        | 0.529               |
| 20  | 6198    | 9349   | 226176 | <a href="#">Marcia Regina Cubas</a>                |  Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>                 | <a href="#">TecnologiSaúPUCPR</a><br>saúde pública   terminologias de enfermagem   diagnóstico de enfermagem   epidemiologia.                        | 28      | 19          | 0.679               | 55        | 35          | 0.636               | 2082     | 1146        | 0.550               |
| 116   | 6199    | 9350   | 226183 | <a href="#">Marcelo Oliveira Rodrigues</a>         |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Inorgânica   | 28      | 19          | 0.679               | 40        | 35          | 0.875               | 2081     | 1200        | 0.577               |
| 15  | 6200    | 9353   | 226200 | <a href="#">Paolo Bartolini</a>                    |  Brazil | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular  | 28      | 13          | 0.464               | 58        | 16          | 0.276               | 2075     | 508         | 0.245               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 32  | 6201    | 9355   | 226228 | <a href="#">Valdemar Lacerda Júnior</a>        |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese Orgânica   Ressonância Magnética Nuclear   Química do Petróleo                          | 28      | 19          | 0.679               | 58        | 34          | 0.586               | 2065     | 1175        | 0.569               |
| 1663  | 6202    | 9356   | 226229 | <a href="#">Luiz Augusto Marcondes Fonseca</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicida</a><br>Medicina  | 28      | 17          | 0.607               | 55        | 29          | 0.527               | 2065     | 852         | 0.413               |
| 260   | 6203    | 9357   | 226238 | <a href="#">Frederico Rb Cruz</a>              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Statistics</a><br>operations research   network optimization   queueing  | 28      | 17          | 0.607               | 47        | 31          | 0.660               | 2062     | 821         | 0.398               |
| 397   | 6204    | 9358   | 226240 | <a href="#">Luis Alberto Gobbo</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | resistance training   body composition   aging   exercise   | 28      | 23          | 0.821               | 54        | 48          | 0.889               | 2060     | 1459        | 0.708               |
| 446   | 6205    | 9360   | 226282 | <a href="#">Ana Paula Davel</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">CampinasUNICAMP</a><br>vascular biology   endothelial function   cardiovascular diseases  | 28      | 19          | 0.679               | 41        | 27          | 0.659               | 2045     | 875         | 0.428               |
| 152   | 6206    | 9363   | 226310 | <a href="#">Eudes Eterno Fileti</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">TecnologiUNIFESP</a><br>Modeling of Materials   | 28      | 18          | 0.643               | 62        | 41          | 0.661               | 2035     | 997         | 0.490               |
| 43  | 6207    | 9365   | 226333 | <a href="#">Cássia Silva</a>                   |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology of pain and inflammation   Natural Products        | 28      | 21          | 0.750               | 44        | 40          | 0.909               | 2030     | 1365        | 0.672               |
| 116   | 6208    | 9366   | 226339 | <a href="#">Antonio Jg Cruz</a>                |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a>   | 28      | 24          | 0.857               | 55        | 41          | 0.745               | 2025     | 1452        | 0.717               |
| 56  | 6209    | 9367   | 226359 | <a href="#">Claudete De Fátima Ruas</a>        |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Genética e Citogenética de Plantas   | 28      | 11          | 0.393               | 50        | 18          | 0.360               | 2014     | 614         | 0.305               |
| 241   | 6210    | 9369   | 226378 | <a href="#">Andrea Ferreira</a>                |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology  | 28      | 20          | 0.714               | 45        | 35          | 0.778               | 2005     | 996         | 0.497               |
| 447   | 6211    | 9370   | 226389 | <a href="#">André Luiz Barboza Formiga</a>     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry   Coordination Chemistry   Supramolecular Chemistry   Theoretical Chemistry | 28      | 17          | 0.607               | 60        | 40          | 0.667               | 1997     | 1013        | 0.507               |
| 7   | 6212    | 9371   | 226408 | <a href="#">Elen Rizzi</a>                     |  Brazil | <a href="#">Universidade de Ribeirão Preto UNAERP</a>                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia Cardiovascular                                     | 28      | 19          | 0.679               | 38        | 31          | 0.816               | 1991     | 778         | 0.391               |

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|---|---------|--------|--------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1664  | 6213    | 9374   | 226475 | <a href="#">Fernando Silva Carneiro</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia                                  | 28      | 19          | 0.679               | 45        | 36          | 0.800               | 1954     | 942         | 0.482               |
| 398   | 6214    | 9375   | 226480 | <a href="#">M Graça Sajo</a>                                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Plant anatomy  | 28      | 13          | 0.464               | 49        | 21          | 0.429               | 1948     | 554         | 0.284               |
| 12  | 6215    | 9378   | 226529 | <a href="#">Francielli Weber Santos Cibin</a>                   |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Toxicologia da Reprodução                                  | 28      | 19          | 0.679               | 46        | 31          | 0.674               | 1906     | 815         | 0.428               |
| 1665  | 6216    | 9382   | 226570 | <a href="#">Daniela Abreu</a>                                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   gerontologia   equilíbrio   marcha                      | 28      | 18          | 0.643               | 52        | 34          | 0.654               | 1878     | 1060        | 0.564               |
| 2   | 6217    | 9383   | 226576 | <a href="#">Rodrigo Granato</a>                                 |  Brazil   | <a href="#">Universidade do Grande Rio UNIGRANRIO</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cirurgia Bucomaxilofacial   Implantodontia                                 | 28      | 16          | 0.571               | 44        | 28          | 0.636               | 1875     | 680         | 0.363               |
| 18  | 6218    | 9387   | 226657 | <a href="#">Jamal Rafique</a>                                   |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>              | Natural Sciences / Chemical Sciences   Synthetic Organic Chemistry   Organochalcogen chemistry   Greener and sustainable new method   | 28      | 25          | 0.893               | 42        | 39          | 0.929               | 1748     | 1513        | 0.866               |
| 4   | 6219    | 9388   | 226702 | <a href="#">Dayane Gabriele Alves Silveira De Albuquerque *</a> |  Brazil   | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a> | <a href="#">StateRioJaneiro"UNIRIO</a>  | 27      | 27          | 1.000               | 29        | 28          | 0.966               | 53425    | 50110       | 0.938               |
| 261   | 6220    | 9390   | 226774 | <a href="#">Luisa CC Brant</a>                                  |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   Epidemiology   Global Health   Vascular Function             | 27      | 27          | 1.000               | 41        | 37          | 0.902               | 18228    | 17845       | 0.979               |
| 242   | 6221    | 9392   | 226783 | <a href="#">Leonardo Travassos</a>                              |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Cell Biology   Infectious Diseases   Microbiology            | 27      | 21          | 0.778               | 33        | 29          | 0.879               | 17257    | 7566        | 0.438               |
| 448   | 6222    | 9396   | 226887 | <a href="#">Julio Cesar Teixeira</a>                            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>HPV   precursor lesion   oncological gynecology   vaccines | 27      | 23          | 0.852               | 42        | 33          | 0.786               | 12232    | 2718        | 0.222               |
| 1666  | 6223    | 9398   | 227032 | <a href="#">Liege Cristina Garcia Da Silva</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução Animal   Obstetrícia                                  | 27      | 20          | 0.741               | 65        | 30          | 0.462               | 9633     | 3897        | 0.405               |
| 449   | 6224    | 9399   | 227055 | <a href="#">Rozely Ferreira Dos Santos</a>                      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Biological Science</a><br>ecologia da paisagem   planejamento ambiental                                | 27      | 21          | 0.778               | 75        | 44          | 0.587               | 9367     | 5617        | 0.600               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 6225    | 9401   | 227141 | <a href="#">Marcos De Almeida Bezerra</a>         |  Brazil   | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>           | <a href="#">Professor de Química Analítica , Universidade Estadual do Sudoeste da Bahia</a><br>Quimiometria   Métodos ópticos   Métodos de Separação              | 27      | 16          | 0.593               | 41        | 24          | 0.585               | 8529     | 4122        | 0.483               |
| 6   | 6226    | 9402   | 227150 | <a href="#">Sergio Firpo</a>                      |  Brazil   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Econometrics   Applied Microeconomics   | 27      | 20          | 0.741               | 52        | 34          | 0.654               | 8411     | 4583        | 0.545               |
| 1667  | 6227    | 9403   | 227174 | <a href="#">Ana Cristina Limongi França</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">UniversidSão Paulo FEA EAD Núcleo GestÃo da QualidVida no Trabalho</a><br>Organizational Behavior   Human Resources   Stress and Quality Life at Work | 27      | 21          | 0.778               | 54        | 32          | 0.593               | 8200     | 2686        | 0.328               |
| 1   | 6228    | 9405   | 227308 | <a href="#">Bruno Nobre Pinheiro</a>              |  Brazil   | <a href="#">UNIFAMETRO Fortaleza</a>                                 | <a href="#">Education / Education</a><br>ciência do desporto   bioquímica   bioestatística   metodologia científica   | 27      | 25          | 0.926               | 44        | 30          | 0.682               | 7416     | 3584        | 0.483               |
| 1668  | 6229    | 9407   | 227326 | <a href="#">Circe Maria Fernandes Bittencourt</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">History, Philosophy, Theology / History</a><br>Ensino de História   história dos livros didáticos   história indígena   currículos                    | 27      | 19          | 0.704               | 34        | 23          | 0.676               | 7226     | 2613        | 0.362               |
| 1669  | 6230    | 9408   | 227343 | <a href="#">Diana Luz Pessoa De Barros</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Social Sciences / Linguistics and Literature</a><br>Linguística   Semiótica   Análise do Discurso   | 27      | 18          | 0.667               | 56        | 29          | 0.518               | 7138     | 1907        | 0.267               |
| 14  | 6231    | 9411   | 227364 | <a href="#">Maria Amalia Andery</a>               |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">PontificiSãoPaulo</a>   | 27      | 19          | 0.704               | 49        | 25          | 0.510               | 7013     | 2242        | 0.320               |
| 58  | 6232    | 9419   | 227613 | <a href="#">Daniela Silva Canella</a>             |  Brazil  | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>        | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Alimentação e Nutrição em Saúde Coletiva   Epidemiologia   Alimentação Coletiva          | 27      | 24          | 0.889               | 41        | 39          | 0.951               | 6190     | 5163        | 0.834               |
| 262   | 6233    | 9420   | 227640 | <a href="#">Marta Araújo Tavares Ferreira</a>     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">DinformaÃSãoUniversidMinasGerais</a><br>gestão da informação   gestão do conhecimento   gestão da inovação  | 27      | 18          | 0.667               | 60        | 33          | 0.550               | 6117     | 4219        | 0.690               |
| 19  | 6234    | 9421   | 227660 | <a href="#">Nalvo F Almeida Jr</a>                |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Bioinformatics   Computer Science  | 27      | 21          | 0.778               | 41        | 33          | 0.805               | 6076     | 1635        | 0.269               |
| 22  | 6235    | 9422   | 227696 | <a href="#">Alberto Vicentini</a>                 |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>          | <a href="#">Instituto Nacional de Pesquisas da Amazônia</a><br>Botany   Amazon   Systematics   Biogeography   | 27      | 24          | 0.889               | 45        | 35          | 0.778               | 6002     | 3463        | 0.577               |
| 3   | 6236    | 9423   | 227712 | <a href="#">Maria Amelia Santoro Franco</a>       |  Brazil | <a href="#">Universidade Católica de Santos UNISANTOS</a>            | <a href="#">UniversidCatólica Santos</a><br>Pedagogia   Didática   Formação de professores  | 27      | 23          | 0.852               | 44        | 33          | 0.750               | 5975     | 3255        | 0.545               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 249   | 6237    | 9425   | 227724 | <a href="#">Vania Naomi Hirakata</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>          | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Biostatistics   Epidemiology   | 27      | 17          | 0.630               | 35        | 25          | 0.714               | 5936     | 2316        | 0.390               |
| 1670  | 6238    | 9427   | 227746 | <a href="#">Renata Eloah De Lucena Ferretti Rebustini</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontologia   Enfermagem em Terapia Intensiva                                    | 27      | 24          | 0.889               | 55        | 50          | 0.909               | 5890     | 3453        | 0.586               |
| 15  | 6239    | 9429   | 227810 | <a href="#">João Mattar</a>                               |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>     | Tecnologia Educacional   Educação a Distância   Metodologia Científica   Metodologias Ativas   Jogos  | 27      | 22          | 0.815               | 43        | 33          | 0.767               | 5761     | 2864        | 0.497               |
| 1671  | 6240    | 9431   | 227970 | <a href="#">Angela Alonso</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Social Sciences / Sociology</a><br>Sociologia   | 27      | 20          | 0.741               | 39        | 29          | 0.744               | 5461     | 2797        | 0.512               |
| 1672  | 6241    | 9432   | 228053 | <a href="#">Martinho Isnard Ribeiro De Almeida</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Business &amp; Management / Business Administration</a><br>planejamento estratégico   empreendedorismo                            | 27      | 17          | 0.630               | 83        | 32          | 0.386               | 5318     | 2172        | 0.408               |
| 1673  | 6242    | 9433   | 228063 | <a href="#">Marcelo Riberto</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Medical and Health Sciences / Physical Medicine</a><br>Medicina física e reabilitação   | 27      | 20          | 0.741               | 48        | 31          | 0.646               | 5306     | 1786        | 0.337               |
| 399   | 6243    | 9434   | 228071 | <a href="#">Classius De Oliveira</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomia   Morfologia   Anura   Pigmentação   Reprodução                             | 27      | 20          | 0.741               | 69        | 45          | 0.652               | 5293     | 4483        | 0.847               |
| 12  | 6244    | 9440   | 228170 | <a href="#">Marcio Romero</a>                             |  Brazil   | <a href="#">Universidade Nove de Julho</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Aplicación de la estadística a la salud pública                            | 27      | 23          | 0.852               | 53        | 44          | 0.830               | 5183     | 3116        | 0.601               |
| 16  | 6245    | 9443   | 228218 | <a href="#">Luis Claudio Figueiredo</a>                   |  Brazil | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>     | <a href="#">Social Sciences / Psychology</a><br>psicanálise: Freud   Klein   Bion   Winnicott e psicanalistas contemporâneos                  | 27      | 19          | 0.704               | 53        | 30          | 0.566               | 5127     | 1528        | 0.298               |
| 3   | 6246    | 9445   | 228246 | <a href="#">Salo De Carvalho</a>                          |  Brazil | <a href="#">Faculdades La Salle UNILASALLE</a>                           | <a href="#">Law / Law and Legal Studies</a><br>Criminology   Criminal Law   | 27      | 18          | 0.667               | 76        | 34          | 0.447               | 5091     | 2014        | 0.396               |
| 1674  | 6247    | 9446   | 228270 | <a href="#">Benedito Braga</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>recursos hídricos   politica de recursos hídricos   inundações   sistemas | 27      | 12          | 0.444               | 49        | 17          | 0.347               | 5058     | 1139        | 0.225               |
| 7   | 6248    | 9449   | 228317 | <a href="#">Marli Pires Morim</a>                         |  Brazil | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a> |   | 27      | 18          | 0.667               | 43        | 28          | 0.651               | 4994     | 2142        | 0.429               |
| 1675  | 6249    | 9450   | 228323 | <a href="#">Arthur Gruber</a>                             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Bioinformatics   Viral discovery                            | 27      | 15          | 0.556               | 37        | 19          | 0.514               | 4987     | 1043        | 0.209               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 243   | 6250    | 9451   | 228358 | <a href="#">Carlos Eduardo Pedreira</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine Learning   Medical Applications   Cytometry   | 27      | 18          | 0.667               | 44        | 30          | 0.682               | 4948     | 1852        | 0.374               |
| 1676  | 6251    | 9454   | 228438 | <a href="#">Aurea Maria Ciotti</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Phytoplankton Ecology   Bio-optical Oceanography   | 27      | 21          | 0.778               | 52        | 38          | 0.731               | 4862     | 2102        | 0.432               |
| 11  | 6252    | 9456   | 228467 | <a href="#">Marcos Saquet</a>                    |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>      | <a href="#">Natural Sciences / Geography</a><br>Geografia agrária   epistemologia  | 27      | 18          | 0.667               | 52        | 36          | 0.692               | 4831     | 2334        | 0.483               |
| 3   | 6253    | 9458   | 228492 | <a href="#">André Luís De Gasper</a>             |  Brazil   | <a href="#">Universidade Regional de Blumenau FURB</a>                 | <a href="#">Social Sciences / Psychology</a><br>pteridófitas   angiospermas   taxonomia   ecologia vegetal   sistemática   | 27      | 22          | 0.815               | 65        | 48          | 0.738               | 4788     | 3984        | 0.832               |
| 1677  | 6254    | 9459   | 228559 | <a href="#">Gerson A Pereira Júnior</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Urgência e Traumatologia Bauru/SP</a><br>Cirurgia de Urgência e do Trauma   Terapia Intensiva   Técnica Cirúrgica   Educação Médica e Gestão em Saúde                | 27      | 22          | 0.815               | 51        | 38          | 0.745               | 4716     | 2792        | 0.592               |
| 70  | 6255    | 9460   | 228575 | <a href="#">Ricardo Simao Diniz Dalmolin</a>     |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">ciência do solo Pedometria sustentabilidade sensoriamento remoto pedologia</a><br>ciência do solo   Pedometria   sustentabilidade   sensoriamento remoto   pedologia | 27      | 18          | 0.667               | 71        | 41          | 0.577               | 4702     | 1840        | 0.391               |
| 4   | 6256    | 9462   | 228594 | <a href="#">Alexander C Vibrans</a>              |  Brazil   | <a href="#">Universidade Regional de Blumenau FURB</a>                 | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Forest Inventory and Ecology   Remote Sensing   | 27      | 24          | 0.889               | 61        | 44          | 0.721               | 4688     | 3697        | 0.789               |
| 400   | 6257    | 9463   | 228651 | <a href="#">Paulo Do Nascimento Junior</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>Anestesiologia   | 27      | 21          | 0.778               | 58        | 34          | 0.586               | 4647     | 2906        | 0.625               |
| 1678  | 6258    | 9467   | 228707 | <a href="#">Joao Manoel Silva Junior</a>         |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>anestesiologia   terapia intensiva   | 27      | 22          | 0.815               | 48        | 38          | 0.792               | 4605     | 3822        | 0.830               |
| 1679  | 6259    | 9468   | 228744 | <a href="#">Carlos Alberto Martinez</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Physiology   Global Climate Change   Photosynthesis   Global Warming   | 27      | 17          | 0.630               | 39        | 27          | 0.692               | 4575     | 1439        | 0.315               |
| 5   | 6260    | 9469   | 228752 | <a href="#">Amanda Manuely Da Silva Oliveira</a> |  Brazil | <a href="#">Instituto Tecnológico Vale</a>                             | <a href="#">UNIVERSIDADE FEDERAL DO PARÁ</a><br>Biotechnology  | 27      | 18          | 0.667               | 64        | 35          | 0.547               | 4570     | 3535        | 0.774               |
| 126   | 6261    | 9473   | 228875 | <a href="#">Betania Ferraz Quirino</a>           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Embrapa</a><br>biotechnology   biochemistry  | 27      | 23          | 0.852               | 41        | 35          | 0.854               | 4463     | 1518        | 0.340               |
| 1680  | 6262    | 9475   | 228966 | <a href="#">Eugênio Bucci</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Business &amp; Management / Communication</a><br>Jornalismo   Informação   Comunicação Pública   Ética   Indústria do Imaginário                                     | 27      | 17          | 0.630               | 45        | 20          | 0.444               | 4391     | 1131        | 0.258               |





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| University  | Country | Region | World  | Name                                       | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 6263    | 9479   | 229117 | <a href="#">Marcos Antonio Da Silva</a>    |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>           | <a href="#">Social Sciences / Political Science</a><br>América Latina   Integração Regional   Revolução Cubana   Partidos Políticos   | 27      | 18          | 0.667               | 105       | 46          | 0.438               | 4277     | 2010        | 0.470               |
| 72  | 6264    | 9480   | 229126 | <a href="#">Adriano Leal Bruni</a>         |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>finanças   ensino  | 27      | 17          | 0.630               | 61        | 28          | 0.459               | 4271     | 1528        | 0.358               |
| 263   | 6265    | 9481   | 229167 | <a href="#">Julio Emilio Diniz</a>         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Social Sciences / Sociology</a><br>Educação   Formação de Professores   | 27      | 20          | 0.741               | 50        | 36          | 0.720               | 4248     | 1852        | 0.436               |
| 33  | 6266    | 9482   | 229220 | <a href="#">Leonora Pires Costa</a>        |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Espírito Santo Vitóri ES Brasil</a><br>Biogeography   Mammalogy   Systematics   Evolution   | 27      | 19          | 0.704               | 43        | 32          | 0.744               | 4211     | 1768        | 0.420               |
| 244   | 6267    | 9483   | 229226 | <a href="#">Joana Portugal Pereira</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Climate change policy   Energy Scenario Modelling   Bioenergy   Low-carbon Innovation   Life Cycle Assessment                         | 27      | 25          | 0.926               | 35        | 34          | 0.971               | 4210     | 3918        | 0.931               |
| 401   | 6268    | 9488   | 229419 | <a href="#">Antonio Padilha Feltrin</a>    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Campus Ilh Solteira</a><br>Sistemas de energia elétrica   | 27      | 22          | 0.815               | 57        | 39          | 0.684               | 4086     | 1692        | 0.414               |
| 450   | 6269    | 9490   | 229436 | <a href="#">Ana Lucia Goulart De Faria</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Education / Education</a><br>Pedagogia da Infância   Sociologia da Infância   Relacoes de Gênero   Pensamento pós-colonialista  | 27      | 20          | 0.741               | 57        | 33          | 0.579               | 4080     | 1633        | 0.400               |
| 250   | 6270    | 9491   | 229441 | <a href="#">Mauro Antonio Czepielewski</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>medicina   endocrinologia   | 27      | 17          | 0.630               | 59        | 32          | 0.542               | 4076     | 2205        | 0.541               |
| 245   | 6271    | 9492   | 229474 | <a href="#">Carlos G. Schrago</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Federal University of Rio de Janeiro</a>  | 27      | 20          | 0.741               | 63        | 43          | 0.683               | 4058     | 2117        | 0.522               |
| 451   | 6272    | 9493   | 229478 | <a href="#">Maria Jose Coracini</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Social Sciences / Linguistics and Literature</a><br>Linguística Aplicada   Análise de Discurso   Ensino e Aprendizagem de línguas   | 27      | 15          | 0.556               | 65        | 23          | 0.354               | 4055     | 1030        | 0.254               |
| 22  | 6273    | 9494   | 229504 | <a href="#">Daniel Pacheco Lacerda</a>     |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Theory of Constraints   Design Science Research   Data Envelopment Analysis   Business Process Management   Production Engineering | 27      | 23          | 0.852               | 61        | 50          | 0.820               | 4043     | 3174        | 0.785               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 52  | 6274    | 9496   | 229608 | <a href="#">Monica Carvalho</a>                          |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | Optimization of energy supply   Life Cycle Assessment   Polygeneration   Thermoeconomics   Thermal Engineering                           | 27      | 23          | 0.852               | 58        | 55          | 0.948               | 3986     | 3230        | 0.810               |
| 1681  | 6275    | 9501   | 229661 | <a href="#">Oswaldo A Sant Anna</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Genetics  | 27      | 16          | 0.593               | 70        | 28          | 0.400               | 3959     | 1247        | 0.315               |
| 23  | 6276    | 9502   | 229667 | <a href="#">César Bolaño</a>                             |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia política   economia política da comunicação   economia do trabalho  | 27      | 16          | 0.593               | 78        | 30          | 0.385               | 3955     | 1140        | 0.288               |
| 69  | 6277    | 9503   | 229669 | <a href="#">Maria Cecília Bastos Vieira De Souza</a>     |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 27      | 18          | 0.667               | 57        | 31          | 0.544               | 3954     | 1583        | 0.400               |
| 71  | 6278    | 9505   | 229716 | <a href="#">Erich D Rodriguez</a>                        |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">(UFSM)</a><br>cement   geopolimer   waste valorization   | 27      | 22          | 0.815               | 54        | 37          | 0.685               | 3935     | 2516        | 0.639               |
| 1682  | 6279    | 9506   | 229728 | <a href="#">Isabel Kinney Ferreira De Miranda Santos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciRibeirão Preto</a>   | 27      | 18          | 0.667               | 43        | 30          | 0.698               | 3933     | 1387        | 0.353               |
| 117   | 6280    | 9507   | 229823 | <a href="#">Andrea Lago Da Silva</a>                     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">SÃO Carlos</a><br>Supply Chain Management   Resilience   Risk Management   Cross-functional integration   Retail             | 27      | 18          | 0.667               | 92        | 30          | 0.326               | 3889     | 1761        | 0.453               |
| 4   | 6281    | 9508   | 229839 | <a href="#">Zilá Bernd</a>                               |  Brazil   | <a href="#">Faculdades La Salle UNILASALLE</a>                         | <a href="#">Social Sciences / Linguistics and Literature</a><br>Literatura   Memória Social   vestígios memoriais   Cultura   identidade | 27      | 16          | 0.593               | 57        | 21          | 0.368               | 3884     | 1000        | 0.257               |
| 6   | 6282    | 9509   | 229847 | <a href="#">La Silva</a>                                 |  Brazil   | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Eletroquímica   Eletroanalítica   Materiais   Ânodos                   | 27      | 14          | 0.519               | 52        | 26          | 0.500               | 3880     | 1039        | 0.268               |
| 117   | 6283    | 9510   | 229865 | <a href="#">Vijayendra Garg</a>                          |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">BrasíliaDFBrazil</a><br>Mossbauer spectroscopy   | 27      | 18          | 0.667               | 72        | 31          | 0.431               | 3875     | 1376        | 0.355               |
| 13  | 6284    | 9511   | 229899 | <a href="#">Miriam Ribeiro</a>                           |  Brazil | <a href="#">Universidade Presbiteriana Mackenzie</a>                   | <a href="#">PPGDCCBSPresbiterianaMackenzie</a><br>Thyroid hormone   metabolism and neurophysiology                                       | 27      | 19          | 0.704               | 36        | 30          | 0.833               | 3861     | 1285        | 0.333               |
| 402   | 6285    | 9512   | 229952 | <a href="#">Tullo Vigevani</a>                           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Social Sciences / Political Science</a><br>Political Science and International Relations                                     | 27      | 16          | 0.593               | 58        | 28          | 0.483               | 3840     | 1264        | 0.329               |
| 1683  | 6286    | 9513   | 229970 | <a href="#">Daniel Jg Lahr</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>microbial eukaryote   evolution   systematics   taxonomy   morphology           | 27      | 21          | 0.778               | 46        | 38          | 0.826               | 3833     | 2499        | 0.652               |
| 1684  | 6287    | 9517   | 230039 | <a href="#">Maria Cristina Machado Kupfer</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>psicanálise  | 27      | 18          | 0.667               | 57        | 30          | 0.526               | 3807     | 1218        | 0.320               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 127   | 6288    | 9520   | 230074 | <a href="#">Claudia Pozzi Jantalia</a>        |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomy   nitrogen   carbon   fertilizer   soil  | 27      | 21          | 0.778               | 49        | 29          | 0.592               | 3795     | 1678        | 0.442               |
| 403   | 6289    | 9521   | 230078 | <a href="#">Felipe Fernandes Fanchini</a>     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Quantum Physics   Quantum Information   Machine Learning  | 27      | 21          | 0.778               | 35        | 30          | 0.857               | 3795     | 1336        | 0.352               |
| 20  | 6290    | 9526   | 230213 | <a href="#">Carlos Ramos</a>                  |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária Preventiva  | 27      | 20          | 0.741               | 63        | 39          | 0.619               | 3743     | 2490        | 0.665               |
| 452   | 6291    | 9527   | 230228 | <a href="#">Otavio Rizzi Coelho Filho</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">CampinasUNICAMP</a><br>Heart Failure   Hypertrophy   Myocardial fibrosis   Magnetic Resonance Imaging   | 27      | 24          | 0.889               | 42        | 36          | 0.857               | 3735     | 2371        | 0.635               |
| 404   | 6292    | 9528   | 230229 | <a href="#">Peter Hackspacher</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geocronologia   Termocronologia  | 27      | 19          | 0.704               | 69        | 31          | 0.449               | 3734     | 1555        | 0.416               |
| 153   | 6293    | 9530   | 230259 | <a href="#">Fernando Ramos Martins</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>solar energy   wind energy   energy policy   meteorology   remote sensing                                    | 27      | 22          | 0.815               | 50        | 32          | 0.640               | 3726     | 1966        | 0.528               |
| 128   | 6294    | 9533   | 230300 | <a href="#">Caroline Mellinger Silva</a>      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Researcher, Embrapa</a><br>Protein and Carbohydrate Chemistry   Byproduct Recover   Food Quality  | 27      | 23          | 0.852               | 75        | 50          | 0.667               | 3709     | 2023        | 0.545               |
| 72  | 6295    | 9535   | 230352 | <a href="#">Cristiano Giacomelli</a>          |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros e Colóides  | 27      | 18          | 0.667               | 54        | 29          | 0.537               | 3688     | 1294        | 0.351               |
| 70  | 6296    | 9536   | 230359 | <a href="#">Paulo Cesar Rodrigues Carrano</a> |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">I</a><br>Sociologia da Juventude   Ensino Médio   Filmes de Pesquisa   Fotografia   | 27      | 17          | 0.630               | 45        | 27          | 0.600               | 3687     | 1250        | 0.339               |
| 129   | 6297    | 9537   | 230363 | <a href="#">Marcos Rodrigues De Faria</a>     |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Entomology &amp; Pesticides</a><br>biological control   controle biológico   entomopathogenic fungi   germination protocols   shelf life | 27      | 18          | 0.667               | 44        | 30          | 0.682               | 3686     | 1766        | 0.479               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 16  | 6298    | 9539   | 230391 | <a href="#">Jairo Nicolau</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Escola Brasileira de Administração Pública e de Empresas</a><br><a href="#">Fundação Getulio Vargas</a> | <a href="#">FGV CPDOC</a><br>eleições   partidos   comportamento eleitoral   sistemas eleitorias  | 27      | 16          | 0.593               | 44        | 25          | 0.568               | 3674     | 1080        | 0.294               |
| 21  | 6299    | 9540   | 230393 | <a href="#">Lucia Noronha</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>  | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia  | 27      | 21          | 0.778               | 111       | 51          | 0.459               | 3673     | 2062        | 0.561               |
| 154   | 6300    | 9541   | 230397 | <a href="#">Horacio Yanasse</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | pesquisa operacional  | 27      | 14          | 0.519               | 54        | 19          | 0.352               | 3672     | 962         | 0.262               |
| 22  | 6301    | 9542   | 230411 | <a href="#">Nathan Mendes</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>  | <a href="#">Building Energy Efficiency</a><br>Building Energy Efficiency  | 27      | 21          | 0.778               | 74        | 50          | 0.676               | 3666     | 1510        | 0.412               |
| 1685  | 6302    | 9545   | 230420 | <a href="#">Victor Sarli Issa</a>                | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   Insuficiência cardíaca   Transplante cardíaco   | 27      | 21          | 0.778               | 45        | 29          | 0.644               | 3664     | 1880        | 0.513               |
| 251   | 6303    | 9546   | 230432 | <a href="#">Marcelo Kunrath Silva</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>   | <a href="#">UFRGS</a>   | 27      | 18          | 0.667               | 48        | 32          | 0.667               | 3660     | 1386        | 0.379               |
| 453   | 6304    | 9547   | 230438 | <a href="#">Nelson Adami Andreollo</a>           | <br><a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / General Surgery</a><br>Esophageal surgery   Esophagogastric Surgery   Experimental Surgery   Gastrointestinal tumours   Upper Digestive Endoscopy | 27      | 15          | 0.556               | 85        | 29          | 0.341               | 3658     | 1638        | 0.448               |
| 1686  | 6305    | 9548   | 230482 | <a href="#">Cristina Adams</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>   | Human ecology   shifting cultivation   land use change  | 27      | 23          | 0.852               | 50        | 36          | 0.720               | 3642     | 1772        | 0.487               |
| 8   | 6306    | 9550   | 230549 | <a href="#">Adair Mendes Nacarato</a>            | <br><a href="#">Brazil</a> | <a href="#">Universidade São Francisco</a>  | <a href="#">Education / Education</a><br>Educação   Educação matemática   Formação de professores   | 27      | 20          | 0.741               | 65        | 38          | 0.585               | 3621     | 1679        | 0.464               |
| 23  | 6307    | 9552   | 230586 | <a href="#">Leonel Severo Rocha</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">UnisinosUri</a><br>Direito   Teoria do Direito   Sociologia do Direito   Teoria dos Sistemas  | 27      | 13          | 0.481               | 74        | 21          | 0.284               | 3609     | 1113        | 0.308               |
| 1   | 6308    | 9553   | 230597 | <a href="#">Maria Esméria Corezola Do Amaral</a> | <br><a href="#">Brazil</a> | <a href="#">Fundação Herminio Ometto FHO UNIARARAS</a>  | <a href="#">HermínioOmettoUniararas</a><br>Fisiologia Geral e Bioquímica Geral  | 27      | 17          | 0.630               | 47        | 33          | 0.702               | 3606     | 1431        | 0.397               |
| 1687  | 6309    | 9554   | 230620 | <a href="#">Denise Fantoni</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>anestesiologia   veterinária   | 27      | 19          | 0.704               | 84        | 40          | 0.476               | 3596     | 1196        | 0.333               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 73  | 6310    | 9558   | 230717 | <a href="#">Cresio Alves</a>                          |  Brazil   | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Endocrinology   Medical Humanities                              | 27      | 19          | 0.704               | 69        | 40          | 0.580               | 3568     | 1921        | 0.538               |
| 83  | 6311    | 9559   | 230723 | <a href="#">Reinaldo Francisco Teófilo</a>            |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemometrics   spectroscopy   design of experiments   electrochemistry   chemistry             | 27      | 25          | 0.926               | 45        | 40          | 0.889               | 3567     | 1974        | 0.553               |
| 74  | 6312    | 9560   | 230732 | <a href="#">Lynn Rosalina Gama Alves</a>              |  Brazil   | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">CulturesBahia</a><br>games   social network   psychology   digital culture   digital platform  | 27      | 20          | 0.741               | 68        | 40          | 0.588               | 3564     | 1726        | 0.484               |
| 73  | 6313    | 9562   | 230781 | <a href="#">Kelmara Mendes Vieira</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                             | <a href="#">Natural Sciences / Biological Science</a><br>Behavioral Finance   Public Management   Public Administration   Financial Literacy   Finance | 27      | 20          | 0.741               | 68        | 50          | 0.735               | 3551     | 2635        | 0.742               |
| 1688  | 6314    | 9564   | 230823 | <a href="#">Alexandre Souto Martinez</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Physics</a><br>Complex Systems   Population Dynamics Models   Growth Models   Epidemiological Models   Universality     | 27      | 14          | 0.519               | 71        | 24          | 0.338               | 3541     | 876         | 0.247               |
| 1689  | 6315    | 9565   | 230850 | <a href="#">Ilson Ca Da Silveira</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia   Oceanografia Física   Dinâmica de Fluidos Geofísicos  | 27      | 21          | 0.778               | 46        | 35          | 0.761               | 3533     | 1406        | 0.398               |
| 74  | 6316    | 9566   | 230908 | <a href="#">Elgion Loreto</a>                         |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Transposable elements   evolution   drosophila   transposons   horizontal transfer       | 27      | 19          | 0.704               | 76        | 40          | 0.526               | 3519     | 1547        | 0.440               |
| 7   | 6317    | 9567   | 230909 | <a href="#">Roberto Rocha C. Pires</a>                |  Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>                             | <a href="#">Pesquisador, Instituto de Pesquisa Econômica Aplicada (IPEA)</a><br>Políticas públicas   Burocracia   Participação   Gestão Pública        | 27      | 22          | 0.815               | 70        | 48          | 0.686               | 3519     | 2130        | 0.605               |
| 84  | 6318    | 9570   | 230942 | <a href="#">Maria Eliana Lopes Ribeiro De Queiroz</a> |  Brazil  | <a href="#">Universidade Federal de Viçosa UFV</a>                                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>cromatografia   métodos de separação   preparo de amostras                                     | 27      | 20          | 0.741               | 83        | 51          | 0.614               | 3510     | 1705        | 0.486               |
| 130   | 6319    | 9571   | 230947 | <a href="#">Luiz Otavio Campos Da Silva</a>           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                          | <a href="#">Pesquisador</a><br>Produção   Genética e Melhoramento animal   | 27      | 17          | 0.630               | 60        | 26          | 0.433               | 3508     | 1416        | 0.404               |
| 1690  | 6320    | 9572   | 230963 | <a href="#">Thiago Hérick De Sá</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Urban Health   Epidemiology   Public Health   | 27      | 23          | 0.852               | 37        | 35          | 0.946               | 3505     | 3139        | 0.896               |
| 2   | 6321    | 9573   | 230977 | <a href="#">Mario Luiz Nunes Da Silva</a>             |  Brazil | <a href="#">Instituto Federal de Educação Ciência e Tecnologia de São Paulo IFSP</a> | <a href="#">EBTTIFSP</a><br>Processos de Fabricação   Processos de Conformação Mecânica   Tratamentos Térmicos   | 27      | 18          | 0.667               | 73        | 38          | 0.521               | 3500     | 2210        | 0.631               |
| 11  | 6322    | 9578   | 231007 | <a href="#">Christine Strussmann</a>                  |  Brazil | <a href="#">Universidade Federal de Mato Grosso</a>                                  | <a href="#">IIIMedicinVeterináriUFMT</a><br>Taxonomia e Ecologia de Anfíbios e Répteis   | 27      | 18          | 0.667               | 78        | 44          | 0.564               | 3492     | 1605        | 0.460               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 52  | 6323    | 9579   | 231012 | <a href="#">Carlos Alexandre Dos Santos</a>  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science and Engineering  | 27      | 18          | 0.667               | 57        | 35          | 0.614               | 3491     | 1198        | 0.343               |
| 118   | 6324    | 9580   | 231019 | <a href="#">Antonio AS Zuin Antonio Zuin, Antonio Alvaro Soares Zuin, Antônio Zuin</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Education / Education</a><br>Filosofia da Educação   Psicologia da Educação   Sociologia da Educação   | 27      | 17          | 0.630               | 58        | 35          | 0.603               | 3490     | 1431        | 0.410               |
| 23  | 6325    | 9581   | 231042 | <a href="#">Fernanda P Werneck</a>   |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>                 | <a href="#">Instituto Nacional de Pesquisas da Amazônia</a><br>Biodiversity  | 27      | 25          | 0.926               | 50        | 45          | 0.900               | 3483     | 2418        | 0.694               |
| 58  | 6326    | 9582   | 231062 | <a href="#">Marcelo Cabral Cavalcanti</a>  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Eletrônica de Potência   Sistemas Fotovoltaicos   Qualidade de Energia                                     | 27      | 18          | 0.667               | 57        | 28          | 0.491               | 3476     | 1333        | 0.383               |
| 252   | 6327    | 9585   | 231130 | <a href="#">Alexandre Rocha Da Silva</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Business &amp; Management / Communication</a><br>semiótica   comunicação   micropolíticas   cinema   | 27      | 16          | 0.593               | 74        | 31          | 0.419               | 3457     | 1424        | 0.412               |
| 118   | 6328    | 9586   | 231153 | <a href="#">Carlos José Sousa Passos</a>   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Brasilia</a><br>sciences de l'environnement   santé environnementale   santé publique  | 27      | 20          | 0.741               | 42        | 29          | 0.690               | 3451     | 1012        | 0.293               |
| 98  | 6329    | 9587   | 231173 | <a href="#">Dh Mosca</a>   |  Brazil  | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Natural Sciences / Physics</a><br>Spintrônica   Nanomagnetismo   Física de Superfícies   | 27      | 15          | 0.556               | 61        | 25          | 0.410               | 3445     | 793         | 0.230               |
| 1691  | 6330    | 9588   | 231208 | <a href="#">Paulo F Guerreiro Cardoso</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Thoracic Surgery</a><br>general thoracic surgery   thoracic surgery research   airway surgery   interventional airway endoscopy   lung transplant research | 27      | 15          | 0.556               | 57        | 26          | 0.456               | 3436     | 1075        | 0.313               |
| 246   | 6331    | 9589   | 231210 | <a href="#">Claudia Am Russo</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular phylogenetics   Biological Systematics  | 27      | 17          | 0.630               | 43        | 24          | 0.558               | 3436     | 952         | 0.277               |
| 405   | 6332    | 9590   | 231217 | <a href="#">Antonio Vicente M Garnica</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Education / Mathematics and Science Education</a><br>Mathematics Education   | 27      | 16          | 0.593               | 61        | 31          | 0.508               | 3433     | 1327        | 0.387               |
| 454   | 6333    | 9591   | 231234 | <a href="#">Wagner José Fávoro</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Oncotherad   Uropatologia   Carcinogênese Urogenital   Imunoterapia   Anatomia  | 27      | 21          | 0.778               | 58        | 48          | 0.828               | 3425     | 2570        | 0.750               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 99  | 6334    | 9592   | 231284 | <a href="#">Chirlei Glienke</a>               |  Brazil   | Universidade Federal do Paraná   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetica   microrganismos   fitossanidade   | 27      | 21          | 0.778               | 52        | 45          | 0.865               | 3409     | 1949        | 0.572               |
| 264   | 6335    | 9593   | 231291 | <a href="#">Mario Alberto Cozzuol</a>         |  Brazil   | Universidade Federal de Minas Gerais UFMG  | <a href="#">Natural Sciences / Biological Science</a><br>Evolução   Paleontologia   Anatomia   Sistemática   Biogeografia Histórica  | 27      | 19          | 0.704               | 54        | 35          | 0.648               | 3408     | 1687        | 0.495               |
| 110   | 6336    | 9594   | 231314 | <a href="#">Fernando Luiz Marcelo Antunes</a> |  Brazil   | Universidade Federal do Ceará  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Eletrônica de Potência   Conversores Multiníveis   Conversores para LED   Energias Renováveis                            | 27      | 18          | 0.667               | 57        | 22          | 0.386               | 3403     | 1095        | 0.322               |
| 53  | 6337    | 9595   | 231327 | <a href="#">Marlise Araújo Dos Santos</a>     |  Brazil   | Pontificia Universidade Católica do Rio Grande do Sul PUCRS                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Simulação de hipergravidade com plantas e micro/ hipogravidade com plantas e células   nanoformulações farmacêuticas e cos | 27      | 19          | 0.704               | 82        | 39          | 0.476               | 3399     | 1527        | 0.449               |
| 1692  | 6338    | 9596   | 231342 | <a href="#">Irma Ng Rivera</a>                |  Brazil   | Universidade de São Paulo USP  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Environmental Microbiology   Biotechnology   Microbial Risk Assessment   Molecular Microbial Ecology   | 27      | 17          | 0.630               | 42        | 23          | 0.548               | 3397     | 844         | 0.248               |
| 17  | 6339    | 9598   | 231374 | <a href="#">Marta Farah</a>                   |  Brazil   | Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas | <a href="#">Fundação Getulio Vargas - FGV-EAESP</a><br>Public policy   política pública   política pública e gênero   política pública e direitos   políticas sociais  | 27      | 16          | 0.593               | 54        | 21          | 0.389               | 3390     | 1222        | 0.360               |
| 39  | 6340    | 9600   | 231420 | <a href="#">Alberto Barbosa Raposo</a>        |  Brazil | Pontificia Universidade Católica do Rio de Janeiro PUC-RIO                       | <a href="#">InformaticsUniv.</a><br>Virtual Reality   HCI   Computer Graphics  | 27      | 17          | 0.630               | 89        | 32          | 0.360               | 3377     | 1057        | 0.313               |
| 247   | 6341    | 9601   | 231426 | <a href="#">Joao Paulo Bassin</a>             |  Brazil | Universidade Federal do Rio de Janeiro   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | 27      | 27          | 1.000               | 48        | 47          | 0.979               | 3376     | 2429        | 0.719               |
| 1693  | 6342    | 9602   | 231432 | <a href="#">Jorge Bettencourt</a>             |  Brazil | Universidade de São Paulo USP  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Exploração Mineral   Metalogênia   Evolução Crustal   | 27      | 17          | 0.630               | 57        | 22          | 0.386               | 3375     | 927         | 0.275               |
| 71  | 6343    | 9603   | 231466 | <a href="#">Celio Albuquerque</a>             |  Brazil | Universidade Federal Fluminense  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Networks   | 27      | 16          | 0.593               | 55        | 28          | 0.509               | 3367     | 1339        | 0.398               |
| 248   | 6344    | 9607   | 231511 | <a href="#">Glauco N Taranto</a>              |  Brazil | Universidade Federal do Rio de Janeiro   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems   Sistemas de Potência   Sistemas de Energia Elétrica  | 27      | 15          | 0.556               | 55        | 20          | 0.364               | 3356     | 1043        | 0.311               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 406   | 6345    | 9609   | 231563 | <a href="#">Elida Benquique Ojopi</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Transcriptomics   Oncology   BioBank   Pharmacogenetics                           | 27      | 14          | 0.519               | 35        | 19          | 0.543               | 3345     | 842         | 0.252               |
| 13  | 6346    | 9612   | 231621 | <a href="#">Robson Luiz Puntel</a>   |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                     | <a href="#">Medical and Health Sciences / Biochemistry</a>  | 27      | 21          | 0.778               | 49        | 38          | 0.776               | 3331     | 1590        | 0.477               |
| 407   | 6347    | 9613   | 231626 | <a href="#">Sergio Silva Braga Junior</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">comportamento do consumidor produtos verdes varejo logística reversa </a><br>comportamento do consumidor   produtos verdes   varejo   logística reversa | 27      | 18          | 0.667               | 82        | 47          | 0.573               | 3330     | 1666        | 0.500               |
| 1694  | 6348    | 9614   | 231628 | <a href="#">Veronica Angyalossy</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Anatomia Vegetal  | 27      | 19          | 0.704               | 45        | 32          | 0.711               | 3330     | 1518        | 0.456               |
| 455   | 6349    | 9616   | 231631 | <a href="#">Carlos E Levy</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia Clínica   Microbiologia   Biologia Molecular   Fibrose Cística   Parasitologia                 | 27      | 20          | 0.741               | 59        | 39          | 0.661               | 3329     | 1214        | 0.365               |
| 40  | 6350    | 9617   | 231658 | <a href="#">Fernanda Baiao</a>   |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Ontology   Knowledge-intensive Processes  | 27      | 19          | 0.704               | 70        | 37          | 0.529               | 3324     | 1649        | 0.496               |
| 253   | 6351    | 9620   | 231706 | <a href="#">Maria Do Carmo Martins Alves</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química do Estado Sólido  | 27      | 17          | 0.630               | 56        | 28          | 0.500               | 3313     | 893         | 0.270               |
| 1   | 6352    | 9621   | 231720 | <a href="#">Daniel Negreiros</a>  |  Brazil | <a href="#">Centro Universitário UNA</a>                                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Plant strategies   Conservation biology  | 27      | 18          | 0.667               | 41        | 32          | 0.780               | 3309     | 2289        | 0.692               |
| 131   | 6353    | 9623   | 231753 | <a href="#">Hugo Bruno Correa Molinari</a>   |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador da Embrapa Agroenergia</a><br>Biotecnologia vegetal   Estresses abióticos   Engenharia genética   Transformação de plantas   Cana-de-açúcar | 27      | 23          | 0.852               | 39        | 35          | 0.897               | 3302     | 1810        | 0.548               |
| 408   | 6354    | 9624   | 231766 | <a href="#">Davi Rodrigo Rossatto</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Botany   Plant anatomy and morphology   Ecophysiology  | 27      | 22          | 0.815               | 54        | 48          | 0.889               | 3299     | 2093        | 0.634               |
| 1695  | 6355    | 9630   | 231887 | <a href="#">Ana Ikeda</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Business &amp; Management / Marketing</a><br>Serviços   comportamento do consumidor   | 27      | 17          | 0.630               | 62        | 31          | 0.500               | 3271     | 1189        | 0.363               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 265   | 6356    | 9632   | 231907 | <a href="#">Alisson Barbieri</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Social Sciences / Demography</a><br>Demography   migration   population and environment   urban and regional planning   climate change        | 27      | 17          | 0.630               | 51        | 33          | 0.647               | 3265     | 1238        | 0.379               |
| 1696  | 6357    | 9634   | 231916 | <a href="#">Renata Pontin De Mattos Fortes</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSÁfo Paulo</a><br>Accessibility   Open Software Systems   Model Driven Development   | 27      | 17          | 0.630               | 88        | 38          | 0.432               | 3264     | 1112        | 0.341               |
| 1697  | 6358    | 9635   | 231941 | <a href="#">Jmp Alves</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>genomics   evolutionary biology   parasitology   protists   bacteria                        | 27      | 22          | 0.815               | 42        | 39          | 0.929               | 3260     | 1720        | 0.528               |
| 249   | 6359    | 9636   | 231966 | <a href="#">Mauricio T Tolmasquim</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>Energy   | 27      | 14          | 0.519               | 52        | 21          | 0.404               | 3255     | 1122        | 0.345               |
| 456   | 6360    | 9638   | 231985 | <a href="#">Ione Salgado</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica e Biologia Molecular de Plantas   Produtividade Vegetal   Meio Ambiente          | 27      | 18          | 0.667               | 40        | 25          | 0.625               | 3251     | 886         | 0.273               |
| 266   | 6361    | 9639   | 232056 | <a href="#">Joao Trindade Marques</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Antiviral immunity   RNA Interference   Host-Pathogen interactions   Mosquito-borne viruses | 27      | 20          | 0.741               | 40        | 33          | 0.825               | 3237     | 1268        | 0.392               |
| 250   | 6362    | 9644   | 232173 | <a href="#">Jacqueline Leta</a>                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Social Sciences / Library and Information Science</a><br>Information science   informetrics   | 27      | 18          | 0.667               | 40        | 26          | 0.650               | 3212     | 1234        | 0.384               |
| 24  | 6363    | 9645   | 232181 | <a href="#">José Albertino Rafael</a>          |  Brazil  | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>     | <a href="#">Natural Sciences / Biological Science</a><br>entomology   diptera   zoraptera   entomologia forense   | 27      | 15          | 0.556               | 92        | 34          | 0.370               | 3210     | 1481        | 0.461               |
| 4   | 6364    | 9648   | 232231 | <a href="#">Ulisses Montarroyos</a>            |  Brazil | <a href="#">Universidade de Pernambuco</a>                      | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia e Estatística   | 27      | 20          | 0.741               | 57        | 39          | 0.684               | 3200     | 1906        | 0.596               |
| 100   | 6365    | 9649   | 232282 | <a href="#">Setsuo Iwakiri</a>                 |  Brazil | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Engineering &amp; Technology / Engineering</a><br>Tecnologia e utilização de produtos florestais   Tecnologia de chapas                       | 27      | 16          | 0.593               | 81        | 37          | 0.457               | 3187     | 1557        | 0.489               |
| 5   | 6366    | 9650   | 232351 | <a href="#">Luis Paulo Gomes Mascarenhas</a>   |  Brazil | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a> | <a href="#">OesteUnicentro</a><br>Saúde   diabetes e atividade física   | 27      | 20          | 0.741               | 59        | 39          | 0.661               | 3174     | 2126        | 0.670               |
| 57  | 6367    | 9651   | 232363 | <a href="#">Carlos Eduardo Laburú</a>          |  Brazil | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Natural Sciences / Physics</a><br>Ensino de ciências  | 27      | 14          | 0.519               | 64        | 28          | 0.438               | 3171     | 1329        | 0.419               |
| 6   | 6368    | 9652   | 232376 | <a href="#">Marcelo Giovanela</a>              |  Brazil | <a href="#">Universidade de Caxias do Sul</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica Ambiental e Engenharia e Ciência dos Materiais                                  | 27      | 22          | 0.815               | 59        | 50          | 0.847               | 3169     | 1872        | 0.591               |












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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 75  | 6369    | 9660   | 232533 | <a href="#">Genauto Carvalho De França Filho</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Business &amp; Management / Business Administration</a><br>Estudos Organizacionais   Gestão Social   Solidariedade   Economia e Democracia   | 27      | 17          | 0.630               | 46        | 31          | 0.674               | 3140     | 1040        | 0.331               |
| 1698  | 6370    | 9661   | 232539 | <a href="#">PC Masiero</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>software engineering  | 27      | 11          | 0.407               | 80        | 15          | 0.188               | 3139     | 483         | 0.154               |
| 1   | 6371    | 9662   | 232546 | <a href="#">Marcelo Antonio Pavanello</a>        |  Brazil   | <a href="#">Centro Universitário da Fundação Educacional Inaciana</a>                            | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Microelectronics   Nanoelectronics   Semiconductor Devices   | 27      | 16          | 0.593               | 72        | 31          | 0.431               | 3138     | 1121        | 0.357               |
| 267   | 6372    | 9663   | 232547 | <a href="#">Luiz Chaimowicz</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Robotics   Digital Games   Artificial Intelligence  | 27      | 20          | 0.741               | 65        | 30          | 0.462               | 3138     | 1094        | 0.349               |
| 75  | 6373    | 9666   | 232588 | <a href="#">César Augusto Guimarães Finger</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>   | <a href="#">Engineering &amp; Technology / Engineering</a><br>Biometria Florestal   Inventário Florestal   Crescimento e Produção Florestal  | 27      | 15          | 0.556               | 92        | 24          | 0.261               | 3130     | 977         | 0.312               |
| 12  | 6374    | 9668   | 232603 | <a href="#">José Carlos Dos Santos</a>           |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>                                | <a href="#">ciencias humanas interdisciplinar história </a><br>ciencias humanas   interdisciplinar   história  | 27      | 19          | 0.704               | 92        | 51          | 0.554               | 3128     | 1798        | 0.575               |
| 4   | 6375    | 9669   | 232617 | <a href="#">Feni Agostinho</a>                   |  Brazil   | <a href="#">Universidade Paulista UNIP</a>   | <a href="#">Paulista(UNIP)</a><br>Indicadores de Sustentabilidade   Emergia   Produção Mais Limpa   Ecologia Industrial   Avaliação do Ciclo de Vida   | 27      | 23          | 0.852               | 51        | 47          | 0.922               | 3126     | 1928        | 0.617               |
| 85  | 6376    | 9671   | 232679 | <a href="#">Sérgio De Paula</a>                  |  Brazil  | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia molecular   virologia   microbiologia   imunologia   | 27      | 22          | 0.815               | 73        | 47          | 0.644               | 3113     | 1919        | 0.616               |
| 18  | 6377    | 9673   | 232723 | <a href="#">Kaizô Iwakami Beltrão</a>            |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">FGV EBAPE</a><br>Políticas Públicas   Demografia. Base de Dados  | 27      | 13          | 0.481               | 71        | 21          | 0.296               | 3105     | 717         | 0.231               |
| 254   | 6378    | 9676   | 232806 | <a href="#">Edison Pignaton De Freitas</a>       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Wireless Sensor Networks   Embedded Systems   Real Time Systems   Artificial Intelligence   Internet of Things                     | 27      | 22          | 0.815               | 83        | 50          | 0.602               | 3091     | 2111        | 0.683               |
| 8   | 6379    | 9677   | 232809 | <a href="#">Placido Rogério Pinheiro</a>         |  Brazil | <a href="#">Universidade de Fortaleza UNIFOR</a>   | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>Operations Research   Mathematical Programming   DDecision Science and Operations Management   Multiple Criteria Decision Analysis | 27      | 18          | 0.667               | 91        | 44          | 0.484               | 3090     | 1959        | 0.634               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 457   | 6380    | 9678   | 232837 | <a href="#">Vanessa Cavalli Gobbo</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Restorative Dentistry   | 27      | 21          | 0.778               | 42        | 36          | 0.857               | 3086     | 1251        | 0.405               |
| 1699  | 6381    | 9679   | 232848 | <a href="#">Elcio Vianna</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Pneumologia - Alergia - Asma - Doenças Ocupacionais                                    | 27      | 15          | 0.556               | 55        | 26          | 0.473               | 3084     | 963         | 0.312               |
| 268   | 6382    | 9682   | 232962 | <a href="#">Carlos Alberto Rosière</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Structural Geology   Iron Formations and Iron Ore                                     | 27      | 22          | 0.815               | 70        | 43          | 0.614               | 3065     | 1370        | 0.447               |
| 34  | 6383    | 9683   | 232981 | <a href="#">Alex Bastos</a>                           |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Geology   | 27      | 22          | 0.815               | 68        | 59          | 0.868               | 3063     | 2164        | 0.706               |
| 132   | 6384    | 9684   | 233020 | <a href="#">Luis Gustavo Barioni</a>                  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a><br>informatica   simulação   modelagem matemática   bovinocultura  | 27      | 16          | 0.593               | 40        | 24          | 0.600               | 3057     | 1935        | 0.633               |
| 1700  | 6385    | 9688   | 233091 | <a href="#">Amauri Pereira De Oliveira</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Micrometeorology   planetary boundary layer   solar radiation | 27      | 17          | 0.630               | 46        | 30          | 0.652               | 3046     | 1048        | 0.344               |
| 409   | 6386    | 9690   | 233110 | <a href="#">Renato Herman Sundfeld</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia   materiais dentários   clareamento   microabrasão   sistemas adesivos          | 27      | 20          | 0.741               | 72        | 35          | 0.486               | 3043     | 1290        | 0.424               |
| 49  | 6387    | 9691   | 233124 | <a href="#">Adriano Ensinas</a>                       |  Brazil  | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Biofuels cogeneration thermodynamics process integration </a><br>Biofuels   cogeneration   thermodynamics   process integration            | 27      | 22          | 0.815               | 49        | 36          | 0.735               | 3041     | 1449        | 0.476               |
| 72  | 6388    | 9692   | 233133 | <a href="#">Martius Vicente Rodriguez Y Rodriguez</a> |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Inovação   gestão   gestão do conhecimento   knowledge management   innovation         | 27      | 18          | 0.667               | 85        | 36          | 0.424               | 3039     | 1364        | 0.449               |
| 1701  | 6389    | 9695   | 233201 | <a href="#">Margarita Antonia Villar Luis</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>saúde mental   | 27      | 15          | 0.556               | 82        | 30          | 0.366               | 3026     | 933         | 0.308               |
| 89  | 6390    | 9697   | 233254 | <a href="#">Marcelino Luiz Gimenes</a>                |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   tratamento de resíduos   processos de separação            | 27      | 22          | 0.815               | 66        | 43          | 0.652               | 3017     | 1652        | 0.548               |
| 56  | 6391    | 9699   | 233289 | <a href="#">Jadson Bezerra</a>                        |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Mycology</a><br>Mycology   | 27      | 27          | 1.000               | 45        | 39          | 0.867               | 3011     | 2781        | 0.924               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 17  | 6392    | 9700   | 233293 | <a href="#">Helio Lira</a>                    |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>         | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Ceramic   | 27      | 17          | 0.630               | 63        | 32          | 0.508               | 3010     | 1198        | 0.398               |
| 59  | 6393    | 9702   | 233332 | <a href="#">Leonardo De Sousa Fortes</a>      |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>             | <a href="#">Education / Education</a><br>Ciências do Esporte   Psicologia do Esporte   Neurociência do Exercício Físico.  | 27      | 22          | 0.815               | 87        | 56          | 0.644               | 3003     | 1977        | 0.658               |
| 133   | 6394    | 9705   | 233370 | <a href="#">Gherman Garcia Leal De Araújo</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador Nutrição de Ruminantes Embrapa Semiárido</a><br>Nutrição ruminantes   Água na produção animal   Agricultura bioassalada                   | 27      | 18          | 0.667               | 98        | 43          | 0.439               | 2998     | 1424        | 0.475               |
| 269   | 6395    | 9707   | 233435 | <a href="#">Renan Pedra De Souza</a>          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Personalized Medicine   Molecular Epidemiology   | 27      | 18          | 0.667               | 68        | 38          | 0.559               | 2989     | 1515        | 0.507               |
| 46  | 6396    | 9709   | 233486 | <a href="#">Valter José Fernandes Junior</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>    | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Combustíveis   biocombustíveis   materiais nanoestruturadas   pirólise   análise térmica | 27      | 16          | 0.593               | 69        | 31          | 0.449               | 2981     | 1050        | 0.352               |
| 134   | 6397    | 9710   | 233501 | <a href="#">Adriano Stephan Nascente</a>      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador Embrapa Arroz e Feijão</a><br>Fitotecnia   Sistema Plantio Direto   arroz   feijão   integração lavoura pecuária                          | 27      | 22          | 0.815               | 67        | 43          | 0.642               | 2978     | 1934        | 0.649               |
| 58  | 6398    | 9712   | 233516 | <a href="#">Taufik Abrao</a>                  |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>              | <a href="#">Business &amp; Management / Communication</a><br>Communication Theory   Wireless Communications   Connectivity   5G IoT   Machine learning            | 27      | 21          | 0.778               | 87        | 54          | 0.621               | 2974     | 1943        | 0.653               |
| 458   | 6399    | 9713   | 233531 | <a href="#">Omar Teschke</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Natural Sciences / Physics</a><br>Interfacial water dynamics and structure  | 27      | 10          | 0.370               | 71        | 11          | 0.155               | 2972     | 524         | 0.176               |
| 18  | 6400    | 9714   | 233555 | <a href="#">Tomas Jeferson Alves De Mélo</a>  |  Brazil  | <a href="#">Universidade Federal de Campina Grande</a>         | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros   nanocompósitos   processamento   biopolímeros   reologia  | 27      | 15          | 0.556               | 74        | 35          | 0.473               | 2968     | 1162        | 0.392               |
| 86  | 6401    | 9715   | 233562 | <a href="#">Daniel Marcal De Queiroz</a>      |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultura de Precisão   Projeto de Maquinas Agrícolas   Secagem de Graos                            | 27      | 17          | 0.630               | 79        | 33          | 0.418               | 2967     | 1204        | 0.406               |
| 44  | 6402    | 9716   | 233591 | <a href="#">Antonio Otavio T Patrocínio</a>   |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>photochemistry   CO2 reduction   photocatalysis   artificial photosynthesis   water oxidation             | 27      | 20          | 0.741               | 44        | 41          | 0.932               | 2964     | 1392        | 0.470               |
| 16  | 6403    | 9717   | 233620 | <a href="#">Olga Zazuco Higa</a>              |  Brazil | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a> | <a href="#">Instituto de Pesquisas Energéticas e Nucleares IPEN-CNEN SP</a>   | 27      | 15          | 0.556               | 58        | 25          | 0.431               | 2960     | 711         | 0.240               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 251   | 6404    | 9718   | 233633 | <a href="#">Jose Herskovits Norman</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engineering Optimization   Numerical Optimization   Solids Mechanics   Structural Optimization                    | 27      | 14          | 0.519               | 61        | 25          | 0.410               | 2958     | 722         | 0.244               |
| 459   | 6405    | 9719   | 233636 | <a href="#">Elinton Chaim</a>                                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Universidade Estadual de Campinas</a>  | 27      | 23          | 0.852               | 72        | 59          | 0.819               | 2957     | 1762        | 0.596               |
| 460   | 6406    | 9723   | 233657 | <a href="#">Antonio Carlos Bannwart</a>                        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia de Petróleo   Garantia de Escoamento   Elevação Artificial   | 27      | 22          | 0.815               | 60        | 39          | 0.650               | 2954     | 1608        | 0.544               |
| 410   | 6407    | 9724   | 233658 | <a href="#">Sarita Cândida Rabelo</a>                          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Bioeconomia   Fracionamento de biomassa   Química de renováveis  | 27      | 24          | 0.889               | 51        | 42          | 0.824               | 2954     | 1963        | 0.665               |
| 155   | 6408    | 9725   | 233659 | <a href="#">Fernanda Gaspar Do Amaral</a>                      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | Pineal   Melatonina   Neurofisiologia   Metabolismo Energético   Cronobiologia   | 27      | 25          | 0.926               | 40        | 38          | 0.950               | 2954     | 2237        | 0.757               |
| 76  | 6409    | 9727   | 233704 | <a href="#">Marcos Palacios</a>                                |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Social Sciences / Journalism and Media</a><br>Jornalismo   Comunicação Social   Internet   Jornalismo Online   Inovação  | 27      | 13          | 0.481               | 56        | 18          | 0.321               | 2947     | 733         | 0.249               |
| 76  | 6410    | 9729   | 233719 | <a href="#">Leandro Souza Da Silva</a>                         |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>química e fertilidade do solo  | 27      | 18          | 0.667               | 87        | 44          | 0.506               | 2944     | 1346        | 0.457               |
| 1702  | 6411    | 9730   | 233741 | <a href="#">Daisy Maria Rizatto Tronchin</a>                   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | gerenciamento em enfermagem   qualidade em saúde   avaliação em serviços de saúde  | 27      | 17          | 0.630               | 70        | 43          | 0.614               | 2942     | 1202        | 0.409               |
| 1703  | 6412    | 9731   | 233747 | <a href="#">Paulo Eduardo Capel Cardoso</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>odontologia   pesquisa clinica   clareamento dental   biomateriais                             | 27      | 15          | 0.556               | 37        | 21          | 0.568               | 2942     | 597         | 0.203               |
| 461   | 6413    | 9732   | 233787 | <a href="#">Marcia Brito</a>                                   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Social Sciences / Psychology</a><br>Psicologia Educacional   Psicologia Social Cognitiva   Avaliação Educacional   Construção de instrumentos de medida   Solução de problemas | 27      | 15          | 0.556               | 60        | 20          | 0.333               | 2936     | 891         | 0.303               |
| 1704  | 6414    | 9734   | 233825 | <a href="#">Leonel Takada</a>                                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Neurology</a><br>behavioral neurology   dementia   genetics   frontotemporal dementia  | 27      | 21          | 0.778               | 38        | 32          | 0.842               | 2929     | 1498        | 0.511               |
| 54  | 6415    | 9735   | 233843 | <a href="#">Claudio Mottin Claudio Cora Mottin, Mottin C C</a> |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / General Surgery</a><br>General Surgery   Digestive surgery and Bariatric and Metabolic Surgery   | 27      | 18          | 0.667               | 51        | 32          | 0.627               | 2926     | 1193        | 0.408               |



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| University  | Country | Region | World  | Name                                      | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 156   | 6416    | 9736   | 233855 | <a href="#">Paulo Schor</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                      | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Surgical Optics   Chemical Surgery   Ocular Bioengineering   Visual Perception                       | 27      | 19          | 0.704               | 69        | 36          | 0.522               | 2924     | 1058        | 0.362               |
| 1705  | 6417    | 9737   | 233870 | <a href="#">Fabrício Rossi</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Agriculture &amp; Forestry / Agricultural and Biosystems Engineering</a><br>Grandes Cultivos   Cultivos Protegidos   Agro-homeopatia                      | 27      | 22          | 0.815               | 91        | 62          | 0.681               | 2922     | 2005        | 0.686               |
| 1706  | 6418    | 9739   | 233886 | <a href="#">Reginaldo Teixeira Coelho</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | Direct Energy Deposition - DED   Hybrid Process   Additive Manufacturing   High Speed Machining/Grinding (HSM/G)  | 27      | 19          | 0.704               | 49        | 29          | 0.592               | 2920     | 1380        | 0.473               |
| 411   | 6419    | 9740   | 233888 | <a href="#">Cinara Maria Camparis</a>     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Dor Orofacial Disfunção Temporomandibular Oclusão dor orofacial  </a>   | 27      | 22          | 0.815               | 45        | 31          | 0.689               | 2919     | 1367        | 0.468               |
| 412   | 6420    | 9742   | 233944 | <a href="#">Landim Alvarenga Fc</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         |   | 27      | 17          | 0.630               | 66        | 36          | 0.545               | 2908     | 1268        | 0.436               |
| 25  | 6421    | 9743   | 233950 | <a href="#">Elisa Harumi Kozasa</a>       |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                             | <a href="#">Researcher and Professor, Hospital Israelita Albert Einstein</a><br>Behavior   Neuroscience   Cognition   Well-being   Performance                        | 27      | 25          | 0.926               | 49        | 41          | 0.837               | 2907     | 1939        | 0.667               |
| 1707  | 6422    | 9744   | 233963 | <a href="#">Jorge Alberto Achcar</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Natural Sciences / Statistics</a><br>bioestatística   estatística Bayesiana   | 27      | 14          | 0.519               | 88        | 34          | 0.386               | 2905     | 1168        | 0.402               |
| 55  | 6423    | 9745   | 233996 | <a href="#">Luciane Macedo De Menezes</a> |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a>    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Orthodontics   Ortodontia  | 27      | 18          | 0.667               | 54        | 35          | 0.648               | 2901     | 1277        | 0.440               |
| 8   | 6424    | 9746   | 234009 | <a href="#">Leonardo Morais Da Silva</a>  |  Brazil | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Energy Storage Systems   Supercapacitors   Redox-flow Batteries             | 27      | 20          | 0.741               | 60        | 49          | 0.817               | 2898     | 1387        | 0.479               |
| 1   | 6425    | 9747   | 234013 | <a href="#">André Luís Lopes Da Silva</a> |  Brazil | <a href="#">Universidade do Estado da Bahia UNEB</a>                           | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant tissue culture   genetic transformation   genetic breeding   abiotic stress   Plant biotechnology | 27      | 18          | 0.667               | 74        | 35          | 0.473               | 2897     | 1309        | 0.452               |
| 26  | 6426    | 9748   | 234014 | <a href="#">Caio Nery</a>                 |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                             | <a href="#">Medical and Health Sciences / General Surgery</a><br>Medicina e Cirurgia do Pé  | 27      | 21          | 0.778               | 67        | 45          | 0.672               | 2897     | 1663        | 0.574               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 41  | 6427    | 9749   | 234039 | <a href="#">Luiz Fernando Martha</a>              |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Structural Analysis   Computational Mechanics   Educational Software   Mesh Generation   Computer Graphics | 27      | 13          | 0.481               | 60        | 26          | 0.433               | 2894     | 862         | 0.298               |
| 255   | 6428    | 9750   | 234056 | <a href="#">Luis Armando Gandin</a>               |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Education / Education</a><br>Education   Sociology   | 27      | 18          | 0.667               | 52        | 28          | 0.538               | 2891     | 1035        | 0.358               |
| 462   | 6429    | 9751   | 234070 | <a href="#">João BR Do Val</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Stochastic Control and Filtering   | 27      | 12          | 0.444               | 49        | 19          | 0.388               | 2888     | 752         | 0.260               |
| 1708  | 6430    | 9754   | 234080 | <a href="#">Marco Henrique Terra</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robótica   controle   filtragem  | 27      | 17          | 0.630               | 69        | 37          | 0.536               | 2886     | 1140        | 0.395               |
| 157   | 6431    | 9755   | 234097 | <a href="#">Victor Zuniga Dourado</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Cinesiologia   Fisiologia do Exercício   Bioestatística                        | 27      | 21          | 0.778               | 50        | 43          | 0.860               | 2884     | 1403        | 0.486               |
| 37  | 6432    | 9757   | 234122 | <a href="#">Ana Maria Góes</a>                    |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geociências   Geologia Sedimentar   | 27      | 16          | 0.593               | 51        | 24          | 0.471               | 2880     | 963         | 0.334               |
| 59  | 6433    | 9758   | 234125 | <a href="#">Luiz Henrique Dall Antonia</a>        |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Engenharia de Materiais  | 27      | 18          | 0.667               | 43        | 38          | 0.884               | 2880     | 1007        | 0.350               |
| 135   | 6434    | 9759   | 234147 | <a href="#">Arlei Coldebella</a>                  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador, Embrapa</a><br>estatística   suínos   frangos   poedeiras   sanidade animal   | 27      | 21          | 0.778               | 79        | 45          | 0.570               | 2876     | 1555        | 0.541               |
| 60  | 6435    | 9761   | 234174 | <a href="#">Jarcilene Almeida Cortez</a>          |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Natural Sciences / Biological Science</a>  | 27      | 21          | 0.778               | 50        | 35          | 0.700               | 2872     | 1766        | 0.615               |
| 11  | 6436    | 9763   | 234188 | <a href="#">Sandra Helena Vieira Carvalho</a>     |  Brazil | <a href="#">Universidade Federal de Alagoas</a>                            | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering   biodiesel   separation processes   energy  | 27      | 23          | 0.852               | 37        | 37          | 1.000               | 2871     | 1784        | 0.621               |
| 463   | 6437    | 9765   | 234237 | <a href="#">Diego Tresinari Dos Santos</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Ayurveda   Fluidos Supercríticos   Compostos Bioativos   Extratos Vegetais   Encapulação              | 27      | 21          | 0.778               | 47        | 39          | 0.830               | 2864     | 1615        | 0.564               |
| 119   | 6438    | 9767   | 234244 | <a href="#">Fernando Araripe Gonçalves Torres</a> |  Brazil | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Universid Brasília</a><br>biotecnologia  | 27      | 18          | 0.667               | 49        | 34          | 0.694               | 2863     | 1191        | 0.416               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 256   | 6439    | 9768   | 234248 | <a href="#">Neuza Maria De Fátima Guareschi</a>    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Social Sciences / Psychology</a><br>Psicologia / Psicologia Social  | 27      | 16          | 0.593               | 67        | 30          | 0.448               | 2862     | 1061        | 0.371               |
| 257   | 6440    | 9769   | 234266 | <a href="#">Luciana Nedel</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">RioGrandeSul</a><br>Virtual Reality   Human-Computer Interaction   Visualization   Immersive Analytics  | 27      | 17          | 0.630               | 53        | 25          | 0.472               | 2859     | 1025        | 0.359               |
| 73  | 6441    | 9770   | 234271 | <a href="#">Jorge Luiz Lima Da Silva</a>           |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">maternoinfantilepsiquiatriUFF</a><br>Saúde coletiva   saúde do trabalhador   epidemiologia   semiologia   metodologia da pesquisa   | 27      | 19          | 0.704               | 74        | 38          | 0.514               | 2858     | 1461        | 0.511               |
| 56  | 6442    | 9771   | 234286 | <a href="#">Ana Maria Spohr</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Sistemas adesivos   Resinas compostas   Cerâmicas   | 27      | 20          | 0.741               | 58        | 40          | 0.690               | 2856     | 1296        | 0.454               |
| 270   | 6443    | 9774   | 234341 | <a href="#">Luiz Alex Silva Saraiva</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Business &amp; Management / Business Administration</a><br>Estudos Organizacionais   Cidades   Tecnologias   Diferenças   Vida social organizada                                    | 27      | 19          | 0.704               | 64        | 35          | 0.547               | 2849     | 1445        | 0.507               |
| 1   | 6444    | 9775   | 234352 | <a href="#">Maria Do Socorro Vieira Dos Santos</a> |  Brazil   | <a href="#">Universidade Federal do Cariri</a>                              | <a href="#">CaririUFCA</a><br>Medicina Tropical   | 27      | 21          | 0.778               | 66        | 38          | 0.576               | 2848     | 1571        | 0.552               |
| 77  | 6445    | 9777   | 234374 | <a href="#">Sandra Cerqueira Pereira</a>           |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Bioquímica   | 27      | 23          | 0.852               | 51        | 39          | 0.765               | 2845     | 1800        | 0.633               |
| 1709  | 6446    | 9780   | 234412 | <a href="#">Luiz Ubirajara Sennes</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Otorrinolaringologia - Cirurgia Crânio Maxilo Facial - Medicina do Sono  | 27      | 18          | 0.667               | 72        | 32          | 0.444               | 2840     | 938         | 0.330               |
| 59  | 6447    | 9782   | 234452 | <a href="#">Luiza De Macedo Mourelle</a>           |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Arts, Design and Architecture / Architecture</a><br>Arquitetura de computadores   Multiprocessamento   Redes de interconexão   Sistemas embutidos   Arquiteturas de alto desempenho | 27      | 16          | 0.593               | 87        | 25          | 0.287               | 2835     | 974         | 0.344               |
| 413   | 6448    | 9783   | 234475 | <a href="#">Noeme Sousa Rocha</a>                  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Patologia Animal   Citopatologia   Tumor Venéreo Transmissível   Medicina Legal  | 27      | 18          | 0.667               | 78        | 40          | 0.513               | 2832     | 1263        | 0.446               |
| 414   | 6449    | 9784   | 234479 | <a href="#">Vera Lex Engel</a>                     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Ecological restoration   Forest Ecology   Tropical Forestry  | 27      | 19          | 0.704               | 43        | 31          | 0.721               | 2832     | 1091        | 0.385               |
| 158   | 6450    | 9786   | 234502 | <a href="#">Rioko Kimiko Sakata</a>                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | Dor   | 27      | 19          | 0.704               | 74        | 44          | 0.595               | 2827     | 1416        | 0.501               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1710  | 6451    | 9787   | 234505 | <a href="#">Valdair Muglia</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciRibeirão PretoSao</a><br>Magnetic Resonance Imaging   Uroradiology   Uro-oncology  | 27      | 19          | 0.704               | 60        | 36          | 0.600               | 2827     | 1817        | 0.643               |
| 17  | 6452    | 9789   | 234525 | <a href="#">Duclerc F. Parra</a>                 |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>         | <a href="#">orientador de doutorado, pesquisador, Instituto de Pesquisas Energéticas e Nucleares</a><br>polímeros   nanotecnologia   caracterização físico-química   estabilidade e degradação | 27      | 15          | 0.556               | 64        | 29          | 0.453               | 2824     | 966         | 0.342               |
| 415   | 6453    | 9790   | 234530 | <a href="#">Osmir Batista De Oliveira Junior</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>estética dental   clareamento   cariologia   prevenção   inovação   | 27      | 22          | 0.815               | 56        | 40          | 0.714               | 2823     | 1876        | 0.665               |
| 1711  | 6454    | 9791   | 234534 | <a href="#">Nilce Emy Tomita</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo (USP); Odontologia Bauru; â€</a><br>saúde coletiva  | 27      | 12          | 0.444               | 41        | 16          | 0.390               | 2823     | 518         | 0.183               |
| 1712  | 6455    | 9792   | 234537 | <a href="#">Maria Cristina Dos Santos</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">universidSão paulo</a><br>carbon nanotubes   fullerenes   graphene   conjugated materials  | 27      | 13          | 0.481               | 52        | 14          | 0.269               | 2822     | 675         | 0.239               |
| 1713  | 6456    | 9796   | 234576 | <a href="#">Ione Carvalho Pinto</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Enfermagem   Avaliação em Saúde   Planejamento em Saúde   Sistemas de Informação em Saúde   Atenção Primária à Saúde                                     | 27      | 17          | 0.630               | 75        | 40          | 0.533               | 2816     | 1378        | 0.489               |
| 14  | 6457    | 9797   | 234589 | <a href="#">Pâmela Billig Mello Carpes</a>       |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Pampa</a><br>Neurophysiology   | 27      | 22          | 0.815               | 71        | 54          | 0.761               | 2814     | 1985        | 0.705               |
| 416   | 6458    | 9798   | 234612 | <a href="#">Silke Anna Theresa Weber</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">MediciBotucatu</a>   | 27      | 21          | 0.778               | 50        | 33          | 0.660               | 2812     | 2096        | 0.745               |
| 6   | 6459    | 9799   | 234615 | <a href="#">Pedro Paulo Balestrassi</a>          |  Brazil | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                 | <a href="#">Natural Sciences / Mathematics</a><br>Statistics   Neural Network   Design of Experiment   Forecasting   Six Sigma   | 27      | 23          | 0.852               | 65        | 52          | 0.800               | 2811     | 1755        | 0.624               |
| 136   | 6460    | 9800   | 234616 | <a href="#">Rodrigo Veras Da Costa</a>           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador da Embrapa Milho e Sorgo</a><br>Fitopatologia  | 27      | 16          | 0.593               | 60        | 34          | 0.567               | 2811     | 1116        | 0.397               |
| 1714  | 6461    | 9802   | 234638 | <a href="#">Renê Oliveira</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Rheumatology</a><br>medicina   reumatologia   imunologia   genética  | 27      | 20          | 0.741               | 42        | 36          | 0.857               | 2809     | 2325        | 0.828               |
| 1715  | 6462    | 9803   | 234681 | <a href="#">João Paulo Machado De Sousa</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">OrientadorSaúMentalFMRPP</a><br>Saúde mental   psiquiatria   esquizofrenia   | 27      | 22          | 0.815               | 41        | 34          | 0.829               | 2802     | 1461        | 0.521               |
| 1716  | 6463    | 9804   | 234685 | <a href="#">Rumio Taga</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Histology   Oral Biology   Bone Biology   Bone Graft   Biomaterials   | 27      | 13          | 0.481               | 72        | 20          | 0.278               | 2801     | 735         | 0.262               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1717  | 6464    | 9806   | 234701 | <a href="#">Adriano Mesquita Alencar</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Biophysics   Cardiovascular System & Cardiology   Cell Biology   Physics   Respiratory System | 27      | 18          | 0.667               | 47        | 29          | 0.617               | 2800     | 939         | 0.335               |
| 417   | 6465    | 9808   | 234726 | <a href="#">Luis Cuadrado Martin</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia   Hipertensão Arterial   | 27      | 18          | 0.667               | 60        | 36          | 0.600               | 2796     | 1643        | 0.588               |
| 60  | 6466    | 9809   | 234742 | <a href="#">Sandra Helena Prudencio</a>       |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | funcionalidade de componentes alimentares   análise sensorial   | 27      | 20          | 0.741               | 69        | 42          | 0.609               | 2793     | 1487        | 0.532               |
| 1718  | 6467    | 9811   | 234759 | <a href="#">Mauro Andrade</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Cirurgia Vasculard Linfologia Anatomia </a><br>Cirurgia Vasculard   Linfologia   Anatomia                                       | 27      | 18          | 0.667               | 53        | 32          | 0.604               | 2792     | 1448        | 0.519               |
| 464   | 6468    | 9812   | 234766 | <a href="#">André Ricardo De Lima Damásio</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Secretion of heterologous proteins in filamentous fungi                       | 27      | 22          | 0.815               | 60        | 48          | 0.800               | 2791     | 2188        | 0.784               |
| 5   | 6469    | 9813   | 234771 | <a href="#">Delmira Silva</a>                 |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                   | <a href="#">Medical and Health Sciences / Anatomy</a><br>anatomia vegetal   plantas medicinais   mata atlantica                             | 27      | 18          | 0.667               | 81        | 38          | 0.469               | 2790     | 1409        | 0.505               |
| 23  | 6470    | 9814   | 234781 | <a href="#">Cristina Baena</a>                |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   cardiology   prevention   mortality          | 27      | 23          | 0.852               | 53        | 45          | 0.849               | 2789     | 2018        | 0.724               |
| 42  | 6471    | 9816   | 234800 | <a href="#">E F Da Silveira</a>               |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Physics</a><br>fisica  | 27      | 16          | 0.593               | 96        | 30          | 0.313               | 2786     | 1013        | 0.364               |
| 5   | 6472    | 9817   | 234807 | <a href="#">Matias Noll</a>                   |  Brazil | <a href="#">Instituto Federal Goiano</a>                                   | <a href="#">Education / Education</a><br>Epidemiology   Public Health   Child and Adolescent Health   Education   Physical Education        | 27      | 21          | 0.778               | 75        | 57          | 0.760               | 2785     | 1903        | 0.683               |
| 252   | 6473    | 9818   | 234826 | <a href="#">Roberto Schirru</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Nuclear Eng. and Artificial Intelligence  | 27      | 17          | 0.630               | 59        | 31          | 0.525               | 2783     | 1069        | 0.384               |
| 253   | 6474    | 9819   | 234856 | <a href="#">João Oliveira</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">RioJaneiro</a><br>Mammalogy   | 27      | 16          | 0.593               | 58        | 35          | 0.603               | 2780     | 1168        | 0.420               |
| 87  | 6475    | 9820   | 234878 | <a href="#">Israel Teoldo</a>                 |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                         | Futebol e Tomada de Decisão   | 27      | 24          | 0.889               | 69        | 55          | 0.797               | 2777     | 1985        | 0.715               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 120   | 6476    | 9821   | 234880 | <a href="#">Ildinete Silva Pereira</a>        |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Micology  | 27      | 14          | 0.519               | 50        | 29          | 0.580               | 2777     | 1034        | 0.372               |
| 137   | 6477    | 9822   | 234887 | <a href="#">Janine Passos Lima Da Silva</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador, Microbiologia de Alimentos, Embrapa Agroindústria de Alimentos</a><br>Segurança dos Alimentos                             | 27      | 18          | 0.667               | 68        | 30          | 0.441               | 2776     | 1203        | 0.433               |
| 1719  | 6478    | 9823   | 234889 | <a href="#">Bryan E Strauss</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">MedicCancer</a><br>terapia genica   biologia molecular   cancer  | 27      | 17          | 0.630               | 52        | 33          | 0.635               | 2776     | 1474        | 0.531               |
| 158   | 6479    | 9824   | 234906 | <a href="#">Nicolas Carels</a>                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Fundação Oswaldo Cruz</a><br>Bioinformatics  | 27      | 17          | 0.630               | 46        | 24          | 0.522               | 2773     | 931         | 0.336               |
| 159   | 6480    | 9828   | 235002 | <a href="#">Constancia Ayres</a>              |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Controle de Vetores   Entomologia   parasitologia                | 27      | 22          | 0.815               | 47        | 39          | 0.830               | 2761     | 1703        | 0.617               |
| 1720  | 6481    | 9829   | 235003 | <a href="#">Newton Sesma</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">PrótesOdontologiã€!</a>  | 27      | 23          | 0.852               | 40        | 35          | 0.875               | 2761     | 2187        | 0.792               |
| 121   | 6482    | 9831   | 235015 | <a href="#">Isaac Roitman</a>                 |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Education / Education</a><br>Educação  | 27      | 12          | 0.444               | 52        | 13          | 0.250               | 2760     | 832         | 0.301               |
| 90  | 6483    | 9833   | 235023 | <a href="#">Magda Lúcia Félix De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                           | Enfermagem   Saúde Coletiva   Drogas de abuso   Toxicologia   Toxicologia Social   | 27      | 17          | 0.630               | 79        | 46          | 0.582               | 2758     | 1313        | 0.476               |
| 254   | 6484    | 9836   | 235045 | <a href="#">Ramon Romankevicius Costa</a>     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Adaptive control variable structure robotics stability </a><br>Adaptive control   variable structure   robotics   stability            | 27      | 15          | 0.556               | 54        | 22          | 0.407               | 2756     | 682         | 0.247               |
| 258   | 6485    | 9838   | 235075 | <a href="#">Carla M Dal Sasso Freitas</a>     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data visualization   Interaction   Immersive Analytics                          | 27      | 15          | 0.556               | 63        | 24          | 0.381               | 2752     | 852         | 0.310               |
| 74  | 6486    | 9839   | 235086 | <a href="#">Mario Reis</a>                    |  Brazil | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Natural Sciences / Physics</a><br>Magnetism  | 27      | 15          | 0.556               | 76        | 33          | 0.434               | 2751     | 1026        | 0.373               |
| 138   | 6487    | 9840   | 235116 | <a href="#">Alberto Miele</a>                 |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador vitivinicultura, Embrapa Uva e Vinho</a><br>Videira   Uva   Vinho   Suco de uva   Análise sensorial                        | 27      | 13          | 0.481               | 66        | 23          | 0.348               | 2748     | 885         | 0.322               |
| 1721  | 6488    | 9842   | 235178 | <a href="#">Maria Luiza Tucci Carneiro</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">History, Philosophy, Theology / History</a><br>História Social   Holocausto   Racismo   Imigração   Imprensa                           | 27      | 14          | 0.519               | 48        | 22          | 0.458               | 2740     | 749         | 0.273               |
| 43  | 6489    | 9843   | 235191 | <a href="#">Markus Endler</a>                 |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">a(PUCRio)Informatics</a><br>Middleware   Distributed Systems   Mobile and Pervasive Computing   Internet of Things   Stream Processing | 27      | 15          | 0.556               | 72        | 25          | 0.347               | 2738     | 882         | 0.322               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 6490    | 9844   | 235205 | <a href="#">João Luiz Becker</a>                |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Full Professor of Technology and Data Science</a><br>Decision support systems   Operations research   Business analytics   Data science   Complex systems modelling | 27      | 14          | 0.519               | 54        | 20          | 0.370               | 2737     | 794         | 0.290               |
| 1   | 6491    | 9848   | 235257 | <a href="#">Alanna Do Socorro Lima Da Silva</a> |  Brazil   | <a href="#">Universidade Federal do Oeste do Para</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da Conservação  | 27      | 15          | 0.556               | 77        | 31          | 0.403               | 2729     | 997         | 0.365               |
| 271   | 6492    | 9849   | 235268 | <a href="#">Adriano Max Moreira Reis</a>        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia  | 27      | 23          | 0.852               | 68        | 53          | 0.779               | 2728     | 1685        | 0.618               |
| 61  | 6493    | 9850   | 235276 | <a href="#">João Tavares Filho</a>              |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>  | <a href="#">Natural Sciences / Physics</a><br>Física do solo   Uso e Manejo do solo   Conservação do solo   Uso de Resíduos na Agricultura                                      | 27      | 16          | 0.593               | 66        | 33          | 0.500               | 2727     | 1002        | 0.367               |
| 159   | 6494    | 9854   | 235331 | <a href="#">Gustavo Wandalsen</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>pediatria   alergia   função pulmonar  | 27      | 18          | 0.667               | 64        | 34          | 0.531               | 2720     | 1081        | 0.397               |
| 272   | 6495    | 9855   | 235335 | <a href="#">Rodney Saldanha</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Otimização   Eletromagnetismo   | 27      | 14          | 0.519               | 53        | 21          | 0.396               | 2720     | 739         | 0.272               |
| 88  | 6496    | 9856   | 235348 | <a href="#">Derly José Henriques Da Silva</a>   |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">DerlyHenriquesSilvaeAntonietFranciscSilva</a><br>Produção e tratos culturais de hortaliças   Ambiente Protegido   Recursos genéticos   Sustentabilidade             | 27      | 14          | 0.519               | 78        | 34          | 0.436               | 2718     | 998         | 0.367               |
| 111   | 6497    | 9858   | 235374 | <a href="#">Marcia Martins Mendes De Luca</a>   |  Brazil | <a href="#">Universidade Federal do Ceará</a>  | Contabilidade   Controladoria   | 27      | 21          | 0.778               | 76        | 49          | 0.645               | 2714     | 1492        | 0.550               |
| 1722  | 6498    | 9861   | 235423 | <a href="#">Anderson Sa Nunes</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Entomology   Parasitology   Microbiology   | 27      | 18          | 0.667               | 44        | 33          | 0.750               | 2709     | 1001        | 0.370               |
| 1723  | 6499    | 9862   | 235444 | <a href="#">Nelson Carvalho</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSão Paulo</a><br>Auditoria e Perícia   Riscos   Derivativos   Contabilidade Internacional   Mercado Financeiro   | 27      | 18          | 0.667               | 61        | 31          | 0.508               | 2706     | 1011        | 0.374               |
| 160   | 6500    | 9864   | 235496 | <a href="#">Augusto Cesar</a>                   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Natural Sciences / Biological Science</a><br>ecotoxicologia aquática  | 27      | 19          | 0.704               | 49        | 36          | 0.735               | 2701     | 1472        | 0.545               |

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| University  | Country | Region | World  | Name                                      | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 6501    | 9865   | 235509 | <a href="#">Lúcio Garcia De Oliveira</a>  |  Brazil   | <a href="#">Fundação e Faculdade de Medicina do ABC</a>                     | <a href="#">Medical and Health Sciences / Neuroscience</a><br>crack cocaine   alcohol   illicit drugs   neuropsychology   cognition                              | 27      | 19          | 0.704               | 41        | 29          | 0.707               | 2700     | 1043        | 0.386               |
| 1724  | 6502    | 9869   | 235565 | <a href="#">Fábio Fernandes</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">InCorHCFMP</a><br>Miocardiopatias   Insuficiência cardíaca   Pericardiopatias  | 27      | 19          | 0.704               | 69        | 34          | 0.493               | 2692     | 1298        | 0.482               |
| 91  | 6503    | 9870   | 235578 | <a href="#">Antonio Claudio Furlan</a>    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição de Não Ruminantes   Produção de Aves   Produção de Suínos                          | 27      | 10          | 0.370               | 96        | 13          | 0.135               | 2691     | 681         | 0.253               |
| 53  | 6504    | 9874   | 235623 | <a href="#">Richarde Marques Da Silva</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | GIS   Remote Sensing   Cartography   Runoff-erosion modelling  | 27      | 24          | 0.889               | 77        | 62          | 0.805               | 2684     | 2054        | 0.765               |
| 19  | 6505    | 9875   | 235636 | <a href="#">Angelo Perkusich</a>          |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Pervasive Computing   Internet of Things   Formal Methods   Petri Nets | 27      | 19          | 0.704               | 80        | 29          | 0.363               | 2683     | 1170        | 0.436               |
| 57  | 6506    | 9877   | 235651 | <a href="#">Sílvia Dias De Oliveira</a>   |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | Microbiologia  | 27      | 23          | 0.852               | 41        | 38          | 0.927               | 2682     | 1603        | 0.598               |
| 273   | 6507    | 9878   | 235657 | <a href="#">Cristiane Baccin Bendo</a>    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   qualidade de vida   validação de instrumentos   endodontia de dentes deciduos       | 27      | 25          | 0.926               | 49        | 48          | 0.980               | 2681     | 1778        | 0.663               |
| 10  | 6508    | 9882   | 235706 | <a href="#">Renato Portugal</a>           |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>               | <a href="#">LNCC - National Laboratory of Scientific Computing</a><br>Quantum Computing  | 27      | 18          | 0.667               | 59        | 32          | 0.542               | 2675     | 1339        | 0.501               |
| 57  | 6509    | 9883   | 235735 | <a href="#">Eric De Souza Gil</a>         |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Biotecnologia   Farmácia   | 27      | 23          | 0.852               | 77        | 53          | 0.688               | 2672     | 1791        | 0.670               |
| 1725  | 6510    | 9884   | 235736 | <a href="#">Miguel Cooper</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Física do Solo   Conservação do Solo   Micromorfologia do Solo   | 27      | 19          | 0.704               | 67        | 47          | 0.701               | 2672     | 1521        | 0.569               |
| 139   | 6511    | 9885   | 235770 | <a href="#">Roberto Coiti Togawa</a>      |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Embrapa Genetic Resources and Biotechnology</a><br>Bioinformatics  | 27      | 18          | 0.667               | 46        | 29          | 0.630               | 2668     | 1315        | 0.493               |
| 418   | 6512    | 9886   | 235777 | <a href="#">Rinaldo Cesar De Paula</a>    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Sementes Florestais   Silvicultura   Melhoramento Florestal   | 27      | 18          | 0.667               | 72        | 36          | 0.500               | 2667     | 1044        | 0.391               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1726  | 6513    | 9887   | 235778 | <a href="#">Luís Moreira Gonçalves</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Medicine   Electrochemistry   Analytical Chemistry   Psychiatry                               | 27      | 23          | 0.852               | 65        | 53          | 0.815               | 2667     | 1645        | 0.617               |
| 26  | 6514    | 9888   | 235798 | <a href="#">Alexandre Hideki Okano</a>        |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">ABC</a><br>Exercise Physiology   Neuroscience   Physical Activity and Health  | 27      | 20          | 0.741               | 64        | 43          | 0.672               | 2664     | 1598        | 0.600               |
| 160   | 6515    | 9889   | 235816 | <a href="#">Floriano Paes Silva Junior</a>    |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biochemistry   computational biology   medicinal chemistry  | 27      | 19          | 0.704               | 53        | 34          | 0.642               | 2662     | 1489        | 0.559               |
| 259   | 6516    | 9890   | 235850 | <a href="#">Flávio R Wagner</a>               |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Embedded Systems   | 27      | 10          | 0.370               | 73        | 10          | 0.137               | 2658     | 488         | 0.184               |
| 140   | 6517    | 9894   | 235923 | <a href="#">Aderson Soares Andrade Junior</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador Embrapa Meio-Norte</a><br>irrigação   agrometeorologia   zoneamento   sensoriamento remoto  | 27      | 15          | 0.556               | 72        | 31          | 0.431               | 2649     | 1003        | 0.379               |
| 92  | 6518    | 9895   | 235933 | <a href="#">Andrea Bialetzki</a>              |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de ovos e larvas de peixes  | 27      | 17          | 0.630               | 44        | 27          | 0.614               | 2649     | 906         | 0.342               |
| 419   | 6519    | 9897   | 236008 | <a href="#">Jose Luiz Laus</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Veterinary Ophthalmology  | 27      | 14          | 0.519               | 75        | 27          | 0.360               | 2637     | 868         | 0.329               |
| 260   | 6520    | 9900   | 236034 | <a href="#">Cristiano Andrade</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Thoracic Surgery</a><br>Thoracic Surgery  | 27      | 16          | 0.593               | 48        | 25          | 0.521               | 2634     | 932         | 0.354               |
| 78  | 6521    | 9901   | 236061 | <a href="#">Nadirlene Pereira Gomes</a>       |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | Violência contra mulher   violência doméstica   | 27      | 20          | 0.741               | 76        | 61          | 0.803               | 2631     | 1750        | 0.665               |
| 161   | 6522    | 9902   | 236076 | <a href="#">Vera Lúcia Edais Pepe</a>         |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz</a><br>vigilância sanitária   avaliação de serviços e tecnologias em saúde   judicialização da saúde   assistência farmacêutica | 27      | 17          | 0.630               | 51        | 27          | 0.529               | 2630     | 1011        | 0.384               |
| 261   | 6523    | 9904   | 236108 | <a href="#">Bazanella Alexandre</a>           |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>control systems   identification   data-driven control   power systems                         | 27      | 18          | 0.667               | 59        | 33          | 0.559               | 2626     | 1193        | 0.454               |
| 112   | 6524    | 9906   | 236154 | <a href="#">Ednardo Rodrigues Freitas</a>     |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">AviculturCeará</a><br>avicultura   nutrição de aves   nutrição de suínos   nutrição de coelhos  | 27      | 14          | 0.519               | 73        | 27          | 0.370               | 2620     | 1046        | 0.399               |
| 1727  | 6525    | 9907   | 236156 | <a href="#">Hugo Abensur</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nephrology</a><br>CKD   Dialysis  | 27      | 15          | 0.556               | 64        | 25          | 0.391               | 2620     | 785         | 0.300               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 25  | 6526    | 9908   | 236167 | <a href="#">José Francisco De Carvalho Gonçalves</a> |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Physiology and Biochemistry  | 27      | 20          | 0.741               | 64        | 53          | 0.828               | 2619     | 1406        | 0.537               |
| 113   | 6527    | 9909   | 236168 | <a href="#">Paulo Sousa</a>                          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Social Sciences / Tourism &amp; Hospitality</a><br>Gastronomia   Gastronomia molecular   Análise sensorial   Alimentos Fermentados   Processamento de frutas | 27      | 16          | 0.593               | 61        | 37          | 0.607               | 2619     | 1209        | 0.462               |
| 1728  | 6528    | 9911   | 236193 | <a href="#">José Batista Volpon</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Orthopaedics   Foot   Bone quality  | 27      | 14          | 0.519               | 72        | 23          | 0.319               | 2616     | 842         | 0.322               |
| 3   | 6529    | 9915   | 236203 | <a href="#">Renato Nisihara</a>                      |  Brazil   | <a href="#">Universidade Positivo</a>                                  | <a href="#">Medicina</a><br>Medicina   | 27      | 17          | 0.630               | 93        | 56          | 0.602               | 2614     | 1338        | 0.512               |
| 101   | 6530    | 9916   | 236212 | <a href="#">Sergio Roberto Lopes</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Physics</a><br>Physics   Nonlinear Science   Plasma Physics   Onset of Turbulence   Neuroscience  | 27      | 18          | 0.667               | 75        | 37          | 0.493               | 2613     | 1026        | 0.393               |
| 141   | 6531    | 9918   | 236261 | <a href="#">Márcia Vizzotto</a>                      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Clima Temperado</a><br>alimentos funcionais   compostos bioativos   fitoquímicos   | 27      | 24          | 0.889               | 61        | 46          | 0.754               | 2608     | 1802        | 0.691               |
| 1729  | 6532    | 9919   | 236269 | <a href="#">Maria Cristina Arias</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e Evolução   Biologia Molecular   Abelhas  | 27      | 16          | 0.593               | 59        | 29          | 0.492               | 2607     | 1014        | 0.389               |
| 420   | 6533    | 9920   | 236284 | <a href="#">Jean Leandro Dos Santos</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal Chemistry  | 27      | 23          | 0.852               | 62        | 42          | 0.677               | 2606     | 1723        | 0.661               |
| 1   | 6534    | 9922   | 236290 | <a href="#">Erico Caperuto</a>                       |  Brazil | <a href="#">Universidade São Judas Tadeu</a>                           | <a href="#">ChefeLaboratórioMovimentoHumanoSÁfoJudasTadeu</a><br>Fisiologia do Exercício   Suplementação esportiva   | 27      | 20          | 0.741               | 52        | 41          | 0.788               | 2606     | 1448        | 0.556               |
| 2   | 6535    | 9923   | 236302 | <a href="#">Pedro V Eisenlohr</a>                    |  Brazil | <a href="#">Universidade do Estado de Mato Grosso UNEMAT</a>           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Vegetal  | 27      | 20          | 0.741               | 51        | 44          | 0.863               | 2605     | 1701        | 0.653               |
| 142   | 6536    | 9924   | 236321 | <a href="#">Francisco Celio Maia Chaves</a>          |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plantas medicinais e hortícolas - recursos geneticos   cultivo   oleo essencial                            | 27      | 23          | 0.852               | 73        | 54          | 0.740               | 2602     | 1798        | 0.691               |
| 2   | 6537    | 9925   | 236335 | <a href="#">Marcos Almeida Matos</a>                 |  Brazil | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>             | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia e traumatologia  | 27      | 19          | 0.704               | 59        | 30          | 0.508               | 2601     | 1226        | 0.471               |
| 89  | 6538    | 9926   | 236340 | <a href="#">Marcelo José Braga</a>                   |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia Agrícola e do Meio Ambiente   | 27      | 19          | 0.704               | 75        | 45          | 0.600               | 2600     | 1445        | 0.556               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 6539    | 9927   | 236350 | <a href="#">Rodrigues Jairo Lisboa</a>        |  Brazil   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   toxicologia   meio ambiente   saúde ambiental   | 27      | 20          | 0.741               | 40        | 33          | 0.825               | 2599     | 1195        | 0.460               |
| 1730  | 6540    | 9928   | 236384 | <a href="#">Fabiana Tmc Vicentini</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Nanovaccinology and delivery systems  | 27      | 20          | 0.741               | 45        | 35          | 0.778               | 2596     | 1293        | 0.498               |
| 255   | 6541    | 9929   | 236391 | <a href="#">Franklin David Rumjanek</a>       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   genetics   molecular biology   oncology  | 27      | 15          | 0.556               | 68        | 20          | 0.294               | 2595     | 658         | 0.254               |
| 54  | 6542    | 9930   | 236402 | <a href="#">Martin Lindsey Christoffersen</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                           | Sistemática e Filogenia de Metazoa  | 27      | 14          | 0.519               | 74        | 31          | 0.419               | 2594     | 966         | 0.372               |
| 1731  | 6543    | 9931   | 236406 | <a href="#">André Luís Montagnini</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">HospitaldasClínicas/MedicinP/HospitalSírioLibanês</a><br>Cirurgia do Aparelho Digestivo   Cirurgia Bilio-Pancreática   Oncologia do Aparelho Digestivo                            | 27      | 16          | 0.593               | 56        | 22          | 0.393               | 2594     | 933         | 0.360               |
| 256   | 6544    | 9932   | 236412 | <a href="#">Leonardo Vieira Neto</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia  | 27      | 20          | 0.741               | 60        | 46          | 0.767               | 2593     | 1420        | 0.548               |
| 1732  | 6545    | 9939   | 236506 | <a href="#">Roberto Martins De Souza</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Tribologia   método dos elementos finitos  | 27      | 17          | 0.630               | 59        | 40          | 0.678               | 2582     | 1177        | 0.456               |
| 274   | 6546    | 9941   | 236525 | <a href="#">Nivaldo Speziali</a>              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      |   | 27      | 15          | 0.556               | 59        | 25          | 0.424               | 2580     | 845         | 0.328               |
| 27  | 6547    | 9942   | 236529 | <a href="#">Alex Gomes Dias</a>               |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                              | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 27      | 18          | 0.667               | 46        | 27          | 0.587               | 2580     | 1222        | 0.474               |
| 1   | 6548    | 9943   | 236532 | <a href="#">Alvaro Borges</a>                 |  Brazil | <a href="#">Universidade de Cuiabá</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 27      | 21          | 0.778               | 76        | 52          | 0.684               | 2579     | 1694        | 0.657               |
| 262   | 6549    | 9944   | 236533 | <a href="#">Evandro Fernandes De Lima</a>     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">universidade federal do rio grande do sul</a>   | 27      | 19          | 0.704               | 74        | 44          | 0.595               | 2579     | 1178        | 0.457               |
| 421   | 6550    | 9945   | 236588 | <a href="#">Fernando Pinhabel Marafão</a>     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Theories   Smart Grid Technologies   Distributed Generation   Microgrids   Renewable Energies | 27      | 19          | 0.704               | 62        | 34          | 0.548               | 2573     | 1206        | 0.469               |

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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 275   | 6551    | 9947   | 236622 | <a href="#">Flávia Cc Moura</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   ambiental   catálise   adsorção   materiais  | 27      | 20          | 0.741               | 47        | 32          | 0.681               | 2570     | 1189        | 0.463               |
| 1733  | 6552    | 9948   | 236631 | <a href="#">Ana Lúcia Gabas</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Biocombustíveis/resíduos e meio ambiente</a><br>Biocombustíveis   resíduos e meio ambiente   | 27      | 15          | 0.556               | 39        | 26          | 0.667               | 2569     | 815         | 0.317               |
| 58  | 6553    | 9949   | 236634 | <a href="#">Angelo Brandelli Costa</a>     |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia Social   Gênero   Sexualidade   Health Psychology   Prejudice                                     | 27      | 25          | 0.926               | 55        | 50          | 0.909               | 2568     | 2115        | 0.824               |
| 465   | 6554    | 9950   | 236638 | <a href="#">Francisco C Marques</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Semicondutores e dispositivos fotovoltaicos                      | 27      | 13          | 0.481               | 66        | 23          | 0.348               | 2567     | 803         | 0.313               |
| 257   | 6555    | 9951   | 236639 | <a href="#">Julio Cezar Mendes</a>         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">UFRJ</a><br>mineralogia   petrologia   | 27      | 18          | 0.667               | 64        | 38          | 0.594               | 2567     | 1202        | 0.468               |
| 1734  | 6556    | 9952   | 236651 | <a href="#">Alfredo José Rodrigues</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Cardiovascular Surgery</a><br>Cardiovascular Surgery   | 27      | 15          | 0.556               | 68        | 24          | 0.353               | 2565     | 937         | 0.365               |
| 1   | 6557    | 9954   | 236677 | <a href="#">Rodrigo Oliveira Spínola</a>   |  Brazil   | <a href="#">Universidade Salvador UNIFACS</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Technical Debt   Empirical Software Engineering   Software Quality   Software Engineering | 27      | 23          | 0.852               | 47        | 37          | 0.787               | 2563     | 1966        | 0.767               |
| 93  | 6558    | 9959   | 236702 | <a href="#">Ívair Aparecido Dos Santos</a> |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Natural Sciences / Physics</a><br>physics   materials  | 27      | 16          | 0.593               | 77        | 38          | 0.494               | 2559     | 1051        | 0.411               |
| 1735  | 6559    | 9960   | 236706 | <a href="#">Marcelo Mulato</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>semiconductors   sensors   thin films   devices   biosensors       | 27      | 20          | 0.741               | 54        | 32          | 0.593               | 2559     | 1281        | 0.501               |
| 61  | 6560    | 9961   | 236741 | <a href="#">J Albino Aguiar</a>            |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Natural Sciences / Physics</a><br>Supercondutividade   | 27      | 17          | 0.630               | 70        | 28          | 0.400               | 2554     | 1221        | 0.478               |
| 62  | 6561    | 9962   | 236742 | <a href="#">Claudio Cuevas</a>             |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">UniversidPermabuco</a>   | 27      | 15          | 0.556               | 61        | 24          | 0.393               | 2554     | 716         | 0.280               |
| 143   | 6562    | 9964   | 236772 | <a href="#">Eder Jorge Oliveira</a>        |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   melhoramento   biologia molecular   biotecnologia   fitopatologia          | 27      | 18          | 0.667               | 58        | 47          | 0.810               | 2550     | 1298        | 0.509               |















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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 75  | 6563    | 9965   | 236779 | <a href="#">Anna Claudia Cunha</a>                  |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese Orgânica e Farmacologia   | 27      | 18          | 0.667               | 54        | 30          | 0.556               | 2549     | 983         | 0.386               |
| 11  | 6564    | 9966   | 236784 | <a href="#">Marisa Fabiana Nicolas</a>              |  Brazil   | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetics   genomics   bioinformatics   system biology  | 27      | 17          | 0.630               | 39        | 28          | 0.718               | 2549     | 1020        | 0.400               |
| 28  | 6565    | 9968   | 236800 | <a href="#">Marcos A Avila</a>                      |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                           | <a href="#">Natural Sciences / Physics</a><br>Experimental Condensed Matter Physics   Materials Science   Quantum Materials   Magnetic Materials   Thermoelectrics  | 27      | 12          | 0.444               | 58        | 19          | 0.328               | 2546     | 646         | 0.254               |
| 1736  | 6566    | 9969   | 236838 | <a href="#">Francisco Palma Rennó</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção animal  | 27      | 21          | 0.778               | 78        | 44          | 0.564               | 2542     | 1533        | 0.603               |
| 38  | 6567    | 9970   | 236852 | <a href="#">Gustavo Pinto</a>                       |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Refactoring   Open Source Software   Software Repositories  | 27      | 24          | 0.889               | 62        | 59          | 0.952               | 2541     | 2051        | 0.807               |
| 263   | 6568    | 9971   | 236873 | <a href="#">Jeferson J Arenzon</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>Statistical Physics   Evolutionary (game) theory   Rumor propagation  | 27      | 15          | 0.556               | 51        | 25          | 0.490               | 2539     | 703         | 0.277               |
| 264   | 6569    | 9972   | 236879 | <a href="#">Alexandre Fuentefria</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Medical and Health Sciences / Microbiology</a><br>Applied Microbiology  | 27      | 22          | 0.815               | 81        | 67          | 0.827               | 2538     | 1852        | 0.730               |
| 1737  | 6570    | 9973   | 236882 | <a href="#">Alessandro Ederoclite</a>               |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>cataclysmic variables   classical novae   astronomical instrumentation  | 27      | 21          | 0.778               | 69        | 51          | 0.739               | 2538     | 1632        | 0.643               |
| 63  | 6571    | 9974   | 236884 | <a href="#">Marcelo Zaldini Hernandes</a>           |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>modelagem molecular   química teórica   simulação computacional   desenvolvimento de software   química medicinal | 27      | 18          | 0.667               | 50        | 30          | 0.600               | 2538     | 1127        | 0.444               |
| 137   | 6572    | 9975   | 236895 | <a href="#">Katia Lin</a>                           |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Medical and Health Sciences / Neurology</a><br>Epilepsy   EEG   | 27      | 20          | 0.741               | 67        | 45          | 0.672               | 2536     | 1213        | 0.478               |
| 59  | 6573    | 9976   | 236910 | <a href="#">Lucena Casde</a>                        |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">CuradorE Tecnologi Pontificia Rio Granã€!</a><br>Sistemática de Peixes  | 27      | 13          | 0.481               | 48        | 21          | 0.438               | 2535     | 682         | 0.269               |
| 20  | 6574    | 9977   | 236915 | <a href="#">Rossana Maria Feitosa De Figueirêdo</a> |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>                      | Secagem   armazenamento   spray drying   foam mat drying   bioativos  | 27      | 16          | 0.593               | 76        | 35          | 0.461               | 2533     | 1183        | 0.467               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 144   | 6575    | 9979   | 236936 | <a href="#">Bruno Galvêas Laviola</a>          |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>                                      | <a href="#">Embrapa Agroenergia</a><br>Canola   biodiesel   bioeconomia   melhoramento genético   biomassa   | 27      | 19          | 0.704               | 61        | 32          | 0.525               | 2530     | 1094        | 0.432               |
| 20  | 6576    | 9980   | 236954 | <a href="#">Ely Paiva</a>                      |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Fundação Getulio Vargas São Paulo (FGV)</a><br>operations strategy   sustainable operations   supply chain management                      | 27      | 16          | 0.593               | 38        | 22          | 0.579               | 2529     | 891         | 0.352               |
| 145   | 6577    | 9982   | 236998 | <a href="#">Waldir Aparecido Marouelli</a>     |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>                                      | <a href="#">Pesquisador da Embrapa Hortaliças</a><br>Irrigação   Manejo de água   Hortaliças   | 27      | 14          | 0.519               | 67        | 26          | 0.388               | 2522     | 785         | 0.311               |
| 466   | 6578    | 9984   | 237044 | <a href="#">Sandra A Santos</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | Continuous optimization   Numerical analysis   Algorithms  | 27      | 15          | 0.556               | 50        | 23          | 0.460               | 2518     | 797         | 0.317               |
| 1738  | 6579    | 9985   | 237072 | <a href="#">Adriana Vaz Safatle Ribeiro</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Medicina   Cirurgia Geral   Endoscopia Digestiva   Biologia Molecular   Enteroscopia | 27      | 14          | 0.519               | 53        | 26          | 0.491               | 2516     | 685         | 0.272               |
| 21  | 6580    | 9986   | 237081 | <a href="#">M Janete Giz</a>                   |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                                       | <a href="#">UFMS</a><br>eletroquímica   eletrocatalise   química de superfícies   células a combustível  | 27      | 13          | 0.481               | 34        | 21          | 0.618               | 2515     | 532         | 0.212               |
| 1739  | 6581    | 9987   | 237086 | <a href="#">Anete Abramowicz</a>               |  Brazil  | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Education / Education</a><br>sociologia da infância   relações etárias   de gênero   de raça   educação infantil.                          | 27      | 20          | 0.741               | 48        | 33          | 0.688               | 2514     | 1171        | 0.466               |
| 60  | 6582    | 9990   | 237121 | <a href="#">Carla Helena Augustin Schwanke</a> |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a>                      | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Geriatrics   Gerontology   | 27      | 17          | 0.630               | 60        | 38          | 0.633               | 2510     | 1126        | 0.449               |
| 1740  | 6583    | 9993   | 237150 | <a href="#">Fabio Santos Do Nascimento</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSão Paulo</a><br>Behavioral Ecology   | 27      | 21          | 0.778               | 66        | 44          | 0.667               | 2506     | 1595        | 0.636               |
| 276   | 6584    | 9994   | 237156 | <a href="#">Angelo Malachias</a>               |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Natural Sciences / Physics</a><br>Nanostructures   Organics   Synchrotron radiation   Microscopy   | 27      | 15          | 0.556               | 64        | 24          | 0.375               | 2505     | 944         | 0.377               |
| 90  | 6585    | 9995   | 237157 | <a href="#">Marco Aurelio Marques Ferreira</a> |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">Business &amp; Management / Public Administration</a><br>Administracao Pública - Public Administration                                     | 27      | 21          | 0.778               | 63        | 41          | 0.651               | 2505     | 1478        | 0.590               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 467   | 6586    | 9998   | 237178 | <a href="#">Diogo Thimoteo Da Cunha</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food service   Risk analysis   Risk perception   Consumer studies  | 27      | 27          | 1.000               | 54        | 54          | 1.000               | 2502     | 2182        | 0.872               |
| 265   | 6587    | 10000  | 237224 | <a href="#">Paolo Rech</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                  | <a href="#">Politecnico di Torino/UFRGS</a><br>reliability of autonomous vehicles and supercomputers   neutron sensitivity of parallel computing units   quantum computing                    | 27      | 24          | 0.889               | 62        | 46          | 0.742               | 2497     | 1731        | 0.693               |
| 94  | 6588    | 10003  | 237249 | <a href="#">Mauro Antonio Da Silva Sá Ravagnani</a> |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                                 | Otimização   Avaliação de Ciclo de Vida   Síntese de Processos   Projeto de Processos   Simulação e Controle de   | 27      | 25          | 0.926               | 53        | 49          | 0.925               | 2495     | 1672        | 0.670               |
| 39  | 6589    | 10004  | 237299 | <a href="#">Luci Cajueiro Carneiro Pereira</a>      |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                                | <a href="#">EstuCosteiros</a><br>Gerenciamento Costeiro   dinâmica Costeira   morfodinâmica   | 27      | 17          | 0.630               | 87        | 41          | 0.471               | 2490     | 1124        | 0.451               |
| 162   | 6590    | 10005  | 237327 | <a href="#">Livia Melo Villar</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">FIOCRUZ</a><br>Virologia  | 27      | 19          | 0.704               | 67        | 48          | 0.716               | 2487     | 1219        | 0.490               |
| 163   | 6591    | 10006  | 237333 | <a href="#">Alzira Maria Paiva De Almeida</a>       |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Pesquisador em Saúde Pública, Centro de Pesquisas Aggeu Magalhães, FIOCRUZ/PE</a><br>zoonoses   hospedeiros/reservatórios   vetores   mecanismos de patogenicidade   diagnóstico. | 27      | 14          | 0.519               | 72        | 20          | 0.278               | 2486     | 674         | 0.271               |
| 91  | 6592    | 10008  | 237350 | <a href="#">Luiz Alexandre Peternelli</a>           |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                               | <a href="#">Natural Sciences / Statistics</a><br>Estatística genômica   métodos estatísticos   melhoramento de plantas   simulação   modelos mistos   | 27      | 16          | 0.593               | 71        | 39          | 0.549               | 2484     | 1098        | 0.442               |
| 138   | 6593    | 10009  | 237387 | <a href="#">Jussara Gue Martini</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                      | <a href="#">Associação Enfermagem</a><br>Atenção primária em saúde   Formação profissional   Educação em saúde  | 27      | 19          | 0.704               | 63        | 37          | 0.587               | 2480     | 1367        | 0.551               |
| 21  | 6594    | 10011  | 237407 | <a href="#">Aline De Souza Pagnussat</a>            |  Brazil | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Reabilitação   Neurociências   Análise de Movimento   | 27      | 22          | 0.815               | 50        | 45          | 0.900               | 2477     | 1530        | 0.618               |
| 258   | 6595    | 10012  | 237452 | <a href="#">Henrique Boschi Filho</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Natural Sciences / Physics</a><br>Physics   | 27      | 19          | 0.704               | 60        | 30          | 0.500               | 2472     | 841         | 0.340               |
| 161   | 6596    | 10013  | 237463 | <a href="#">Maria Cecília Martinelli Iorio</a>      |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Medical and Health Sciences / Audiology and Speech Pathology</a><br>Audiologia  | 27      | 11          | 0.407               | 74        | 25          | 0.338               | 2471     | 616         | 0.249               |
| 162   | 6597    | 10015  | 237469 | <a href="#">Regina Celia Spadari</a>                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Sao paulo</a><br>stress biology   | 27      | 15          | 0.556               | 49        | 21          | 0.429               | 2471     | 836         | 0.338               |


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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1741  | 6598    | 10016  | 237475 | <a href="#">Murilo Tome</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Mathematics</a><br>computational fluid dynamics   computational rheology   computational mathematics                                | 27      | 14          | 0.519               | 39        | 21          | 0.538               | 2471     | 576         | 0.233               |
| 422   | 6599    | 10019  | 237507 | <a href="#">Bianca Ferreira Da Silva</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | LC-MS/MS analysis  | 27      | 24          | 0.889               | 50        | 45          | 0.900               | 2467     | 1699        | 0.689               |
| 122   | 6600    | 10021  | 237519 | <a href="#">Teresa HM Da Costa</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   | 27      | 19          | 0.704               | 37        | 27          | 0.730               | 2466     | 1133        | 0.459               |
| 468   | 6601    | 10022  | 237539 | <a href="#">Lucia Da Costa Ferreira</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">PROFESSRASOCIOLOGIAMBIENTALUNICAMPSP</a><br>conflitos sociais   biodiversidade   mudanças climáticas   riscos ambientais e tecnológicos                | 27      | 14          | 0.519               | 71        | 24          | 0.338               | 2463     | 736         | 0.299               |
| 1742  | 6602    | 10024  | 237600 | <a href="#">Jack Roberto Silva Fhon</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Geriatrics</a>   | 27      | 25          | 0.926               | 48        | 40          | 0.833               | 2457     | 1712        | 0.697               |
| 79  | 6603    | 10028  | 237645 | <a href="#">Cecilia Mccallum</a>                  |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Social Sciences / Anthropology</a><br>antropologia   | 27      | 17          | 0.630               | 36        | 25          | 0.694               | 2452     | 813         | 0.332               |
| 469   | 6604    | 10029  | 237663 | <a href="#">Marco C Uchida</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Education / Education</a><br>Resistance and Power Training for Older adults   Paralympic Sports.   | 27      | 22          | 0.815               | 56        | 45          | 0.804               | 2449     | 1567        | 0.640               |
| 139   | 6605    | 10030  | 237677 | <a href="#">Paulo C. Philippi</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Thermodynamics   Fluid Mechanics   Lattice Boltzmann Theory   Kinetic theory              | 27      | 15          | 0.556               | 43        | 16          | 0.372               | 2448     | 760         | 0.310               |
| 259   | 6606    | 10031  | 237679 | <a href="#">Magno Junqueira</a>                   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Proteomics   Mass spectrometry   Neuroproteomics   Multiomics  | 27      | 17          | 0.630               | 35        | 27          | 0.771               | 2448     | 848         | 0.346               |
| 1743  | 6607    | 10032  | 237680 | <a href="#">Vyacheslav Futorny</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Sao Paulo</a><br>Lie algebras   Representation Theory  | 27      | 17          | 0.630               | 80        | 42          | 0.525               | 2447     | 1159        | 0.474               |
| 423   | 6608    | 10034  | 237713 | <a href="#">Bibiana Monson De Souza</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">SupportIV</a><br>mass spectrometry   peptides   peptide synthesis   venom  | 27      | 19          | 0.704               | 49        | 31          | 0.633               | 2444     | 967         | 0.396               |
| 9   | 6609    | 10037  | 237769 | <a href="#">Telma Maria Evangelista De Araújo</a> |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professora da Graduação e Pós-graduação em Enfermagem, Universidade Federal do ...</a><br>Vigilância em saúde   Epidemiologia   doenças transmissíveis | 27      | 22          | 0.815               | 72        | 53          | 0.736               | 2437     | 1653        | 0.678               |
| 266   | 6610    | 10039  | 237824 | <a href="#">Charley Christian Staats</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Bioinformatics   Host-pathogen interaction   metallobiology                                 | 27      | 19          | 0.704               | 52        | 39          | 0.750               | 2430     | 1192        | 0.491               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 123   | 6611    | 10041  | 237842 | <a href="#">Geraldo Resende Boaventura</a>       |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                  | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geociências   | 27      | 19          | 0.704               | 50        | 26          | 0.520               | 2428     | 996         | 0.410               |
| 34  | 6612    | 10043  | 237876 | <a href="#">Marcelo G Montes D Oca</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Síntese Orgânica   Química Verde                          | 27      | 21          | 0.778               | 53        | 32          | 0.604               | 2424     | 1153        | 0.476               |
| 58  | 6613    | 10044  | 237897 | <a href="#">Adolfo Franco Jr</a>                 |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>             | <a href="#">Natural Sciences / Physics</a><br>física   física da materia condensada. ciências dos materiais                          | 27      | 22          | 0.815               | 59        | 47          | 0.797               | 2422     | 1460        | 0.603               |
| 64  | 6614    | 10045  | 237924 | <a href="#">Jose A Miranda</a>                   |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>            | <a href="#">Natural Sciences / Physics</a><br>Fluid mechanics   Soft condensed matter  | 27      | 17          | 0.630               | 76        | 36          | 0.474               | 2419     | 1023        | 0.423               |
| 1744  | 6615    | 10046  | 237950 | <a href="#">Augusto César F De Moraes</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Cardiovascular                         | 27      | 23          | 0.852               | 49        | 40          | 0.816               | 2416     | 1435        | 0.594               |
| 2   | 6616    | 10047  | 237957 | <a href="#">Thiago De Paula Protásio</a>         |  Brazil   | <a href="#">Universidade Federal Rural da Amazônia</a>        | Energia da Biomassa Lignocelulósica  | 27      | 22          | 0.815               | 68        | 55          | 0.809               | 2415     | 1697        | 0.703               |
| 7   | 6617    | 10048  | 237959 | <a href="#">Antonio Carlos Tadeu Vitorino</a>    |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>  | <a href="#">Natural Sciences / Physics</a><br>Física do Solo   Manejo e Conservação do Solo  | 27      | 15          | 0.556               | 60        | 31          | 0.517               | 2415     | 907         | 0.376               |
| 470   | 6618    | 10049  | 237987 | <a href="#">Alessandro S Farias</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   autoimmunity   neuroimmunology                              | 27      | 18          | 0.667               | 41        | 29          | 0.707               | 2413     | 1711        | 0.709               |
| 59  | 6619    | 10050  | 238018 | <a href="#">Elson Alves Costa</a>                |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>             | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia   Dor   Inflamação Ansiedade   Depressão   Úlcera Péptica | 27      | 20          | 0.741               | 74        | 51          | 0.689               | 2409     | 1488        | 0.618               |
| 1745  | 6620    | 10051  | 238048 | <a href="#">José Baldin Pinheiro</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics and Plant Breeding                                   | 27      | 16          | 0.593               | 73        | 44          | 0.603               | 2405     | 1121        | 0.466               |
| 1746  | 6621    | 10053  | 238055 | <a href="#">José Lavres Junior</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Plant Nutrition  | 27      | 23          | 0.852               | 59        | 44          | 0.746               | 2404     | 1742        | 0.725               |
| 60  | 6622    | 10056  | 238117 | <a href="#">Pedro Lopes De Melo</a>              |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomedical Instrumentation and Respiratory Physiology       | 27      | 17          | 0.630               | 67        | 38          | 0.567               | 2397     | 1168        | 0.487               |
| 92  | 6623    | 10058  | 238157 | <a href="#">José Eustaquio De Souza Carneiro</a> |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e melhoramento de plantas                            | 27      | 20          | 0.741               | 79        | 42          | 0.532               | 2392     | 1214        | 0.508               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 471   | 6624    | 10059  | 238171 | <a href="#">Reginaldo Guirardello</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering  | 27      | 16          | 0.593               | 55        | 31          | 0.564               | 2391     | 982         | 0.411               |
| 140   | 6625    | 10061  | 238189 | <a href="#">Jane Da Silva</a>                |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | <a href="#">Medical and Health Sciences / Immunology</a><br>Alergia   angioedema hereditário   hipersensibilidade a medicamentos   asma   rinite e dermatite   | 27      | 21          | 0.778               | 42        | 30          | 0.714               | 2389     | 1700        | 0.712               |
| 472   | 6626    | 10062  | 238260 | <a href="#">Celso A Bertran</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>biomateriais   físico-química de superfície   sistemas coloidais                                       | 27      | 18          | 0.667               | 59        | 33          | 0.559               | 2380     | 947         | 0.398               |
| 473   | 6627    | 10064  | 238278 | <a href="#">Matthieu Tubino</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">CampinasUNICAMP</a><br>Institute of Chemistry  | 27      | 19          | 0.704               | 71        | 37          | 0.521               | 2378     | 1106        | 0.465               |
| 474   | 6628    | 10065  | 238296 | <a href="#">Conexões</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Education / Education</a><br>Educação Física   esportes e saúde  | 27      | 16          | 0.593               | 59        | 31          | 0.525               | 2376     | 1195        | 0.503               |
| 1747  | 6629    | 10068  | 238330 | <a href="#">Goldenstein Schainberg C</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | reumatologia   | 27      | 17          | 0.630               | 47        | 34          | 0.723               | 2372     | 1094        | 0.461               |
| 26  | 6630    | 10069  | 238338 | <a href="#">Adrian Martin Pohlit</a>         |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Química de Produtos Naturais   Química biológica   Etnofarmacologia   Farmacognosia | 27      | 18          | 0.667               | 54        | 32          | 0.593               | 2371     | 1036        | 0.437               |
| 24  | 6631    | 10070  | 238365 | <a href="#">Clarisse Pereira Mosmann</a>     |  Brazil  | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Social Sciences / Psychology</a><br>Família   Casal   Conflito conjugal   Coparentalidade   Terapia familiar                                       | 27      | 21          | 0.778               | 43        | 34          | 0.791               | 2368     | 1182        | 0.499               |
| 15  | 6632    | 10071  | 238373 | <a href="#">Silvio Peixoto</a>               |  Brazil | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a> | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aqüicultura  | 27      | 19          | 0.704               | 62        | 36          | 0.581               | 2366     | 1181        | 0.499               |
| 163   | 6633    | 10072  | 238379 | <a href="#">Elbert En Macau</a>              |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>      | <a href="#">SaoPauloUNIFESP</a><br>Mathematical Modeling   Nonlinear Systems   Chaos   Complex Networks   Time Series Analysis                                 | 27      | 17          | 0.630               | 74        | 36          | 0.486               | 2365     | 1128        | 0.477               |
| 7   | 6634    | 10074  | 238389 | <a href="#">Carlos Alejandro Figueroa</a>    |  Brazil | <a href="#">Universidade de Caxias do Sul</a>                  | <a href="#">Natural Sciences / Physics</a><br>Plasma Engineering   Surfaces   Interfaces   Nanotribology   Phototribology                                      | 27      | 18          | 0.667               | 79        | 51          | 0.646               | 2364     | 1244        | 0.526               |
| 9   | 6635    | 10075  | 238398 | <a href="#">Carlos Augusto Real Martinez</a> |  Brazil | <a href="#">Universidade São Francisco</a>                     | <a href="#">LivreSãoFrancisco.AssociFCM/UNICAMP</a><br>Coloproctologia   Cirurgia do Aparelho Digestivo   Cirurgia Geral   Cirurgia Videolaparoscópica         | 27      | 18          | 0.667               | 70        | 43          | 0.614               | 2363     | 1306        | 0.553               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 424   | 6636    | 10076  | 238428 | <a href="#">Christiane Pienna Soares</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>Cancer   Therapy   HPV   Vaccine  | 27      | 18          | 0.667               | 68        | 40          | 0.588               | 2360     | 952         | 0.403               |
| 425   | 6637    | 10079  | 238450 | <a href="#">Leonardo Perez Faverani</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cirurgia e Traumatologia Bucocomaxilofacial e Implantodontia  | 27      | 25          | 0.926               | 60        | 53          | 0.883               | 2358     | 1841        | 0.781               |
| 1748  | 6638    | 10080  | 238489 | <a href="#">Hélio Goldenstein</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>transformações de fase   relação microestrutura /propriedades        | 27      | 17          | 0.630               | 58        | 30          | 0.517               | 2353     | 1002        | 0.426               |
| 76  | 6639    | 10082  | 238507 | <a href="#">Leandro Rocha</a>                   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">LaboratórioTecnologiProdutosNaturaisFarmácia&amp;€!</a><br>Fitoquímica   farmacognosia   homeopatia   tecnologia de produtos naturais   fitoterapia. | 27      | 18          | 0.667               | 60        | 47          | 0.783               | 2351     | 1180        | 0.502               |
| 1749  | 6640    | 10083  | 238509 | <a href="#">Clarice Tanaka</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia  | 27      | 18          | 0.667               | 55        | 32          | 0.582               | 2351     | 1103        | 0.469               |
| 114   | 6641    | 10086  | 238529 | <a href="#">Pedro Braga Neto</a>                |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | Medicina   | 27      | 19          | 0.704               | 65        | 42          | 0.646               | 2349     | 1256        | 0.535               |
| 1750  | 6642    | 10087  | 238536 | <a href="#">Fernando Bellissimo Rodrigues</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">the Ribeirão Preto Medical_of SÃO Paulo</a><br>Infectious Diseases   Epidemiology   Public Health  | 27      | 22          | 0.815               | 57        | 42          | 0.737               | 2348     | 1522        | 0.648               |
| 3   | 6643    | 10088  | 238552 | <a href="#">Edilson Rodrigues Matos</a>         |  Brazil   | <a href="#">Universidade Federal Rural da Amazônia</a>                 | <a href="#">RuralAmazã´niVoluntário</a><br>microparasitas   animais aquáticos  | 27      | 13          | 0.481               | 81        | 33          | 0.407               | 2345     | 902         | 0.385               |
| 4   | 6644    | 10089  | 238559 | <a href="#">Cassiano Francisco Weege Nonaka</a> |  Brazil | <a href="#">Universidade Estadual da Paraíba UEPB</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral e Estomatologia  | 27      | 17          | 0.630               | 68        | 39          | 0.574               | 2344     | 1227        | 0.523               |
| 13  | 6645    | 10090  | 238579 | <a href="#">Marco Jose Da Silva</a>             |  Brazil | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">UTFPR</a><br>Sensors   Sensor Systems   Sensor Data Processing   Electronic Instrumentation   Multiphase Flow  | 27      | 17          | 0.630               | 55        | 40          | 0.727               | 2342     | 1171        | 0.500               |
| 475   | 6646    | 10091  | 238594 | <a href="#">Domingos Da Silva Leite</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>fatores de virulência   resistência a antimicrobianos   quitridiomicose.                           | 27      | 19          | 0.704               | 58        | 38          | 0.655               | 2340     | 1177        | 0.503               |
| 8   | 6647    | 10092  | 238613 | <a href="#">Rosa Moura</a>                      |  Brazil | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>               | <a href="#">bolsista profissional senior Instituto de Pesquisa Econômica Aplicada (IPEA)</a><br>urbano e regional  | 27      | 13          | 0.481               | 61        | 25          | 0.410               | 2338     | 759         | 0.325               |

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| 260   | 6648    | 10096  | 238703 | <a href="#">Marcos Dias Pereira</a>            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   | 27      | 21          | 0.778               | 47        | 35          | 0.745               | 2328     | 1155        | 0.496               |
| 3   | 6649    | 10099  | 238744 | <a href="#">Luis Humberto Da Cunha Andrade</a> |  Brazil   | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>                | <a href="#">MatoGrossodoSul</a><br>spectroscopy   optics   interferometry  | 27      | 20          | 0.741               | 74        | 55          | 0.743               | 2323     | 1399        | 0.602               |
| 44  | 6650    | 10100  | 238745 | <a href="#">Marcos Kalinowski</a>              |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Machine Learning Engineering   Empirical Software Engineering   Data Science | 27      | 20          | 0.741               | 65        | 38          | 0.585               | 2323     | 1567        | 0.675               |
| 141   | 6651    | 10101  | 238746 | <a href="#">Ricardo J Rabelo</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">AutomationandSystemsEng.</a><br>Collaborative Networks   Industry 4.0   Service Oriented Architecture   Performance Management   Innovation                | 27      | 8           | 0.296               | 62        | 8           | 0.129               | 2323     | 493         | 0.212               |
| 1751  | 6652    | 10104  | 238789 | <a href="#">LichtenthãLer R</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear - Núcleos Exóticos  | 27      | 16          | 0.593               | 57        | 25          | 0.439               | 2317     | 640         | 0.276               |
| 29  | 6653    | 10106  | 238822 | <a href="#">Fabio Furlan Ferreira</a>          |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                          | <a href="#">Natural Sciences / Physics</a><br>Physics   Crystallography   X-ray diffraction   Rietveld method   pharmaceuticals  | 27      | 20          | 0.741               | 67        | 45          | 0.672               | 2314     | 1237        | 0.535               |
| 93  | 6654    | 10107  | 238824 | <a href="#">Ney Sussumu Sakiyama</a>           |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   cafeicultura   biotecnologia   melhoramento de plantas   | 27      | 19          | 0.704               | 61        | 36          | 0.590               | 2314     | 929         | 0.401               |
| 142   | 6655    | 10109  | 238887 | <a href="#">Alex Rafacho</a>                   |  Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia   biologia molecular   endocrinologia básica  | 27      | 19          | 0.704               | 56        | 39          | 0.696               | 2307     | 1142        | 0.495               |
| 277   | 6656    | 10110  | 238890 | <a href="#">Patricia Maria Zarzar</a>          |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>alcohol   social capital   binge drinking   dental trauma   drugs.  | 27      | 21          | 0.778               | 48        | 37          | 0.771               | 2307     | 1223        | 0.530               |
| 143   | 6657    | 10111  | 238913 | <a href="#">Hellen Stulzer</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacia   | 27      | 21          | 0.778               | 56        | 36          | 0.643               | 2304     | 1303        | 0.566               |
| 278   | 6658    | 10112  | 238917 | <a href="#">Fabiana Vargas Ferreira</a>        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Saúde Pública   Pacientes Especiais   Odontopediatria                  | 27      | 20          | 0.741               | 44        | 35          | 0.795               | 2304     | 1345        | 0.584               |
| 279   | 6659    | 10113  | 238920 | <a href="#">David Lee Nelson</a>               |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">eVisitanteSênior</a><br>Síntese orgânica   produtos naturais   química de alimentos   biocombustíveis   esquistossomicidas                                 | 27      | 16          | 0.593               | 75        | 44          | 0.587               | 2303     | 1112        | 0.483               |




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| 261   | 6660    | 10114  | 238929 | <a href="#">Tavares Do Carmo Mg</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>lipídios dietéticos   programação metabólica   bioquímica perinatal   nutrição materno-infantil | 27      | 15          | 0.556               | 74        | 33          | 0.446               | 2302     | 815         | 0.354               |
| 144   | 6661    | 10116  | 238949 | <a href="#">William Gerson Matias</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Engineering &amp; Technology / Engineering</a><br>Toxicologia Ambiental   Nanotoxicologia   Nanotecnologia   | 27      | 19          | 0.704               | 53        | 40          | 0.755               | 2299     | 1276        | 0.555               |
| 476   | 6662    | 10117  | 238951 | <a href="#">Maria Cristina Cintra Gomes Marcondes</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Physiology</a><br>Nutricao e Cancer  | 27      | 17          | 0.630               | 46        | 33          | 0.717               | 2299     | 863         | 0.375               |
| 262   | 6663    | 10118  | 238954 | <a href="#">Claudia Re Mansur</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros   petróleo   nanotecnologia  | 27      | 22          | 0.815               | 65        | 46          | 0.708               | 2298     | 1405        | 0.611               |
| 95  | 6664    | 10119  | 238974 | <a href="#">Monica Lucia Gomes</a>                    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Protozoologia   Biologia Molecular   zoonoses  | 27      | 16          | 0.593               | 58        | 28          | 0.483               | 2296     | 786         | 0.342               |
| 62  | 6665    | 10121  | 238983 | <a href="#">Carmen Silvia Vieira Janeiro Neves</a>    |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>           | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fruticultura   manejo de solos   | 27      | 14          | 0.519               | 58        | 24          | 0.414               | 2295     | 746         | 0.325               |
| 164   | 6666    | 10122  | 238990 | <a href="#">Marcelo Ribeiro-Alves</a>                 |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Instituto Nacional de Infectologia Evandro Chagas</a>  | 27      | 22          | 0.815               | 51        | 49          | 0.961               | 2294     | 1524        | 0.664               |
| 47  | 6667    | 10124  | 239021 | <a href="#">Everaldo Santos</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a> | <a href="#">Bioprocessos Engenharia Química Engenharia Bioquímica </a><br>Bioprocessos   Engenharia Química   Engenharia Bioquímica                                      | 27      | 23          | 0.852               | 53        | 43          | 0.811               | 2291     | 1834        | 0.801               |
| 35  | 6668    | 10125  | 239042 | <a href="#">Cândida Caniçali Primo</a>                |  Brazil  | <a href="#">Universidade Federal do Espírito Santo</a>      | <a href="#">EnfermagemEspíritoSanto</a><br>Diagnóstico de Enfermagem   Aleitamento materno   Tecnologias   Avaliação em Saúde   Processo de Enfermagem                   | 27      | 22          | 0.815               | 71        | 54          | 0.761               | 2289     | 1699        | 0.742               |
| 102   | 6669    | 10126  | 239056 | <a href="#">Aurora Trinidad Ramirez Pozo</a>          |  Brazil | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Inteligencia Artificial   Inteligencia Computacional   Algoritmos Bio-inspirados                      | 27      | 17          | 0.630               | 73        | 40          | 0.548               | 2287     | 1134        | 0.496               |
| 164   | 6670    | 10127  | 239074 | <a href="#">Nora Manoukian Forones</a>                |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>Oncologia  | 27      | 18          | 0.667               | 64        | 28          | 0.438               | 2284     | 967         | 0.423               |
| 165   | 6671    | 10128  | 239083 | <a href="#">Roseli Oselka Saccardo Sarni</a>          |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e Metabolismo  | 27      | 19          | 0.704               | 63        | 35          | 0.556               | 2283     | 1159        | 0.508               |
| 1752  | 6672    | 10129  | 239088 | <a href="#">Gastao B Lima Neto</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Astronomy  | 27      | 17          | 0.630               | 48        | 22          | 0.458               | 2283     | 884         | 0.387               |

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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 426   | 6673    | 10132  | 239120 | <a href="#">Ewerton Garcia De Oliveira Mima</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>biofilmes   terapia fotodinâmica   antimicrobianos   modelos animais   nanotecnologia | 27      | 25          | 0.926               | 41        | 38          | 0.927               | 2279     | 1338        | 0.587               |
| 13  | 6674    | 10133  | 239130 | <a href="#">Dafne Paiva Rodrigues</a>                      |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                         | <a href="#">emCeará</a><br>saúde da mulher   | 27      | 20          | 0.741               | 64        | 42          | 0.656               | 2277     | 1370        | 0.602               |
| 40  | 6675    | 10134  | 239131 | <a href="#">Joyce Kelly R Da Silva</a>                     |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Biotecnologia   Produtos Naturais   Óleos essenciais                           | 27      | 21          | 0.778               | 62        | 52          | 0.839               | 2277     | 1710        | 0.751               |
| 1753  | 6676    | 10135  | 239145 | <a href="#">Marcolin Ac</a>                                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciRibeirão Preto</a><br>Medicina Fetal   Gestaçao de Alto Risco  | 27      | 19          | 0.704               | 42        | 29          | 0.690               | 2275     | 1131        | 0.497               |
| 427   | 6677    | 10137  | 239163 | <a href="#">Regiane Cristina Oliveira De Freitas Bueno</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Entomologia  | 27      | 21          | 0.778               | 49        | 36          | 0.735               | 2273     | 1293        | 0.569               |
| 267   | 6678    | 10141  | 239224 | <a href="#">Paula Beatriz Araujo</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Professor Unuversidade Federal of Rio Grande do Sul</a>  | 27      | 16          | 0.593               | 80        | 41          | 0.513               | 2266     | 1055        | 0.466               |
| 263   | 6679    | 10142  | 239225 | <a href="#">João Saboia</a>                                |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomia   economia do trabalho   | 27      | 14          | 0.519               | 57        | 21          | 0.368               | 2266     | 572         | 0.252               |
| 264   | 6680    | 10143  | 239226 | <a href="#">Renan Moritz VR Almeida</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Biostatistics   Methodology of Science   Ethics of Science                        | 27      | 18          | 0.667               | 52        | 30          | 0.577               | 2266     | 980         | 0.432               |
| 1754  | 6681    | 10144  | 239231 | <a href="#">Álvaro Francisco Lopes De Sousa</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectious diseases   Global Health   Human Exposome   Nursing              | 27      | 25          | 0.926               | 60        | 58          | 0.967               | 2265     | 2028        | 0.895               |
| 477   | 6682    | 10148  | 239257 | <a href="#">Maria Helena Melo Lima</a>                     |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Campinas</a><br>Diabete mellitus   processo de cicatrizaçao   cuidados de enfermagem   | 27      | 17          | 0.630               | 54        | 34          | 0.630               | 2262     | 1115        | 0.493               |
| 9   | 6683    | 10149  | 239265 | <a href="#">Clareci Silva Cardoso</a>                      |  Brazil | <a href="#">Universidade Federal de São João del Rei UFSJ</a>          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health   Epidemiology.                                    | 27      | 20          | 0.741               | 50        | 39          | 0.780               | 2261     | 1225        | 0.542               |
| 2   | 6684    | 10151  | 239277 | <a href="#">Valcemiro Nossa</a>                            |  Brazil | <a href="#">FUCAPE Business School</a>                                 | <a href="#">ContabilidPelPContabilida</a><br>contabilidade   sustentabilidade empresarial   Finanças   | 27      | 18          | 0.667               | 53        | 26          | 0.491               | 2260     | 937         | 0.415               |







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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 428   | 6685    | 10152  | 239291 | <a href="#">Leila Trevisan Braz</a>                              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Vegetable Science and Breeding   | 27      | 14          | 0.519               | 64        | 26          | 0.406               | 2258     | 845         | 0.374               |
| 265   | 6686    | 10153  | 239301 | <a href="#">Rodrigo Soares Fortunato</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Endócrina   | 27      | 22          | 0.815               | 48        | 43          | 0.896               | 2258     | 1517        | 0.672               |
| 13  | 6687    | 10154  | 239305 | <a href="#">Stella Regina Zamuner</a>                            |  Brazil   | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Toxinologia   | 27      | 17          | 0.630               | 46        | 34          | 0.739               | 2257     | 797         | 0.353               |
| 63  | 6688    | 10155  | 239316 | <a href="#">Halley Caixeta Oliveira</a>                          |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Vegetal   Metabolismo do Nitrogênio   Estresses Abióticos   | 27      | 24          | 0.889               | 46        | 41          | 0.891               | 2255     | 1665        | 0.738               |
| 165   | 6689    | 10157  | 239326 | <a href="#">Flavio Alves Lara</a>                                |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell biology  | 27      | 21          | 0.778               | 43        | 37          | 0.860               | 2254     | 1175        | 0.521               |
| 9   | 6690    | 10159  | 239340 | <a href="#">Lizandra Guidi Magalhães</a>                         |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Biológica   Parasitologia   Biologia Molecular   | 27      | 21          | 0.778               | 63        | 54          | 0.857               | 2251     | 1357        | 0.603               |
| 478   | 6691    | 10160  | 239343 | <a href="#">Daniel Barrera Arellano</a>                          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Lípidios   Organogéis   Emulsões   Estruturantes   Ceras                                      | 27      | 18          | 0.667               | 46        | 28          | 0.609               | 2251     | 963         | 0.428               |
| 12  | 6692    | 10161  | 239344 | <a href="#">Eduardo Telles</a>                                   |  Brazil   | <a href="#">Observatorio Nacional</a>                                  | <a href="#">Natural Sciences / Physics</a><br>Astronomy   Extragalactic Astrophysics   Interstellar Medium   galaxies   observational cosmology                              | 27      | 15          | 0.556               | 46        | 28          | 0.609               | 2251     | 1029        | 0.457               |
| 1755  | 6693    | 10162  | 239345 | <a href="#">Katia Maria Paschoaletto Micchi De Barros Ferraz</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Biological conservation   human-wildlife coexistence   conservation planning   mammal ecology   wildlife management | 27      | 22          | 0.815               | 45        | 39          | 0.867               | 2251     | 1548        | 0.688               |
| 266   | 6694    | 10167  | 239460 | <a href="#">Renan Almeida</a>                                    |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Biostatistics   Methodology of Science   Ethics of Science  | 27      | 18          | 0.667               | 51        | 29          | 0.569               | 2238     | 954         | 0.426               |
| 94  | 6695    | 10168  | 239512 | <a href="#">Joao Paulo Viana Leite</a>                           |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacognosy  | 27      | 21          | 0.778               | 52        | 41          | 0.788               | 2232     | 1135        | 0.509               |
| 280   | 6696    | 10169  | 239538 | <a href="#">Enrrico Bloise</a>                                   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Reproduction   | 27      | 21          | 0.778               | 48        | 42          | 0.875               | 2229     | 1529        | 0.686               |
| 60  | 6697    | 10170  | 239556 | <a href="#">Andreia Luisa Da Rosa</a>                            |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Natural Sciences / Physics</a><br>Nanoestruturas   superfícies   simulação computacional de materiais  | 27      | 14          | 0.519               | 46        | 27          | 0.587               | 2227     | 671         | 0.301               |

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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 479   | 6698    | 10173  | 239569 | <a href="#">Marcio Lf Balthazar</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Cognitive and Behavioral Neurology   neuroimaging   functional connectivity   Alzheimer's disease                  | 27      | 20          | 0.741               | 50        | 40          | 0.800               | 2226     | 1336        | 0.600               |
| 429   | 6699    | 10174  | 239577 | <a href="#">Diogo Cabral De Mello</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cytogenetics and Genomics of insects  | 27      | 20          | 0.741               | 57        | 44          | 0.772               | 2225     | 1247        | 0.560               |
| 166   | 6700    | 10175  | 239578 | <a href="#">Daniela Francescato Veiga</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Plastic Surgery</a><br>Cirurgia plástica   cirurgias das mamas   qualidade de vida   | 27      | 18          | 0.667               | 57        | 42          | 0.737               | 2225     | 1097        | 0.493               |
| 124   | 6701    | 10176  | 239589 | <a href="#">Isabel Belloni Schmidt</a>           |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Conservação   Etnobiologia   | 27      | 23          | 0.852               | 42        | 36          | 0.857               | 2224     | 1649        | 0.741               |
| 65  | 6702    | 10177  | 239618 | <a href="#">Rita De Cássia Fernandes De Lima</a> |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a>  | 27      | 21          | 0.778               | 49        | 32          | 0.653               | 2220     | 1322        | 0.595               |
| 61  | 6703    | 10178  | 239642 | <a href="#">Manoel Soares Soares Júnior</a>      |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>pós colheita   amidos   panificação   | 27      | 20          | 0.741               | 70        | 53          | 0.757               | 2217     | 1456        | 0.657               |
| 125   | 6704    | 10179  | 239663 | <a href="#">Fernanda Garcia</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>dentística   materiais dentários  | 27      | 17          | 0.630               | 43        | 30          | 0.698               | 2214     | 917         | 0.414               |
| 8   | 6705    | 10180  | 239667 | <a href="#">Edson Lucas Dos Santos</a>           |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>           | <a href="#">Biotecnologia Farmacologia Bioquímica </a><br>Biotecnologia   Farmacologia   Bioquímica  | 27      | 21          | 0.778               | 52        | 37          | 0.712               | 2213     | 1271        | 0.574               |
| 1756  | 6706    | 10181  | 239696 | <a href="#">Antonio Fernandes Lima</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Orientação Profissional</a><br>Enfermagem   Custos em Saúde   Custos em Enfermagem   Administração em Enfermagem   Processo de Mudança Planejada                     | 27      | 17          | 0.630               | 62        | 32          | 0.516               | 2210     | 927         | 0.419               |
| 11  | 6707    | 10182  | 239718 | <a href="#">Jayr Amorim</a>                      |  Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>               | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Física aplicada  | 27      | 14          | 0.519               | 53        | 27          | 0.509               | 2208     | 706         | 0.320               |
| 64  | 6708    | 10183  | 239720 | <a href="#">Estefania Gastaldello Moreira</a>    |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia   | 27      | 19          | 0.704               | 47        | 33          | 0.702               | 2208     | 1029        | 0.466               |
| 267   | 6709    | 10186  | 239783 | <a href="#">Jose Luiz De Medeiros</a>            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Termodinâmica Aplicada   Operações Unitárias   Captura e Reuso de CO2   Processamento Primário   Refino | 27      | 23          | 0.852               | 65        | 51          | 0.785               | 2199     | 1613        | 0.734               |
| 1757  | 6710    | 10190  | 239837 | <a href="#">Astolfo Araujo</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Archeology</a><br>Arqueologia   Archaeology   Geoarchaeology   Gearqueologia   | 27      | 18          | 0.667               | 56        | 38          | 0.679               | 2193     | 1061        | 0.484               |



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|---|---------|--------|--------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 430   | 6711    | 10195  | 239870 | <a href="#">Cibele Chalita Martins</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Produção e Tecnologia Sementes</a><br>sementes   germinação   vigor   plântula   dormência  | 27      | 11          | 0.407               | 66        | 18          | 0.273               | 2189     | 610         | 0.279               |
| 1758  | 6712    | 10198  | 239929 | <a href="#">Jussara Borges Regitano</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química e Poluição do Solo  | 27      | 17          | 0.630               | 43        | 24          | 0.558               | 2183     | 868         | 0.398               |
| 1759  | 6713    | 10199  | 239931 | <a href="#">Sonir Roberto Antonini</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>medicine   endocrinology   pediatrics   translational research   molecular biology | 27      | 18          | 0.667               | 57        | 44          | 0.772               | 2182     | 995         | 0.456               |
| 5   | 6714    | 10200  | 239933 | <a href="#">Wanderlei Abadio De Oliveira</a>    |  Brazil   | <a href="#">Pontifícia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Social Sciences / Psychology</a><br>Saúde Escolar   Psicologia do Desenvolvimento   Psicologia Social   | 27      | 26          | 0.963               | 51        | 51          | 1.000               | 2182     | 2022        | 0.927               |
| 268   | 6715    | 10201  | 239953 | <a href="#">Pantelis Varvaki Rados</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology   | 27      | 17          | 0.630               | 59        | 33          | 0.559               | 2178     | 1007        | 0.462               |
| 1760  | 6716    | 10202  | 239954 | <a href="#">Luiz Antonio Framartino Bezerra</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Analyst Sistemas</a><br>Tecnologia da Informação   Banco de Dados   Análise Numérica   Melhoramento Genético de Bovinos de Corte                    | 27      | 14          | 0.519               | 59        | 20          | 0.339               | 2178     | 565         | 0.259               |
| 480   | 6717    | 10203  | 239960 | <a href="#">Hudson Zanin</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                 | <a href="#">Energy Storage Innovation on Energies</a><br>Supercapacitors   Batteries   Energy Storage   Carbon   Manufacturing                                  | 27      | 22          | 0.815               | 66        | 55          | 0.833               | 2177     | 1569        | 0.721               |
| 115   | 6718    | 10205  | 239991 | <a href="#">Antoninho Valentini</a>             |  Brazil | <a href="#">Universidade Federal do Ceará</a>                             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise heterogênea  | 27      | 17          | 0.630               | 58        | 33          | 0.569               | 2173     | 841         | 0.387               |
| 10  | 6719    | 10208  | 240009 | <a href="#">Marcia Galan Perroca</a>            |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>     | <a href="#">Medicine</a><br>carga de trabalho da equipe de enfermagem   desenvolvimento de instrumentos   | 27      | 17          | 0.630               | 51        | 29          | 0.569               | 2171     | 927         | 0.427               |
| 166   | 6720    | 10209  | 240016 | <a href="#">Sonia Regina Lambert Passos</a>     |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                     | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Clinical Epidemiology   Medical Decision Making   Evidence Based Medicine   Psychiatry              | 27      | 18          | 0.667               | 48        | 30          | 0.625               | 2170     | 1012        | 0.466               |
| 5   | 6721    | 10210  | 240022 | <a href="#">Tulio CR Rocha</a>                  |  Brazil | <a href="#">Laboratório Nacional de Luz Síncrotron</a>                    | <a href="#">Brazilian Synchrotron Light Laboratory</a><br>Synchrotron radiation   spectroscopy   catalysis   condensed matter   energy                          | 27      | 19          | 0.704               | 34        | 29          | 0.853               | 2170     | 1066        | 0.491               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 6722    | 10211  | 240023 | <a href="#">Gustavo R Mota</a>                                |  Brazil   | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>         | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Sciences   Sports Medicine  | 27      | 21          | 0.778               | 61        | 48          | 0.787               | 2169     | 1543        | 0.711               |
| 14  | 6723    | 10212  | 240043 | <a href="#">Alisson Fernando Chiorato</a>                     |  Brazil   | <a href="#">Instituto Agrônomo</a>                                     | <a href="#">Pesquisador do Centro de Grãos e Fibras do Instituto Agrônomo - IAC</a><br>melhoramento genético de plantas   genética quantitativa   fitopatologia                                   | 27      | 18          | 0.667               | 62        | 45          | 0.726               | 2166     | 1166        | 0.538               |
| 126   | 6724    | 10213  | 240045 | <a href="#">Maria AG Soler</a>                                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Physics</a><br>nanomaterials   polymers   iron oxide nanoparticles   nanofilms   drug delivery systems   | 27      | 15          | 0.556               | 49        | 25          | 0.510               | 2166     | 849         | 0.392               |
| 481   | 6725    | 10214  | 240053 | <a href="#">Louise Emy Kurozawa</a>                           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">University of Campinas</a>  | 27      | 24          | 0.889               | 48        | 38          | 0.792               | 2165     | 1483        | 0.685               |
| 431   | 6726    | 10215  | 240084 | <a href="#">Rafael Scaf De Molon</a>                          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Bone Biology   Periodontics  | 27      | 24          | 0.889               | 51        | 38          | 0.745               | 2159     | 1586        | 0.735               |
| 95  | 6727    | 10217  | 240123 | <a href="#">Juliana Lopes Rangel Fietto</a>                   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biologia Molecular   Tripanosomatídeos   Proteínas recombinantes   | 27      | 19          | 0.704               | 42        | 32          | 0.762               | 2152     | 1021        | 0.474               |
| 167   | 6728    | 10219  | 240145 | <a href="#">Yara M Michelacci</a>                             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Proteoglicanos de matriz extracelular   Glicobiologia   Doença articular   Diabetes mellitus                               | 27      | 12          | 0.444               | 53        | 16          | 0.302               | 2148     | 479         | 0.223               |
| 41  | 6729    | 10220  | 240148 | <a href="#">Wallace Gomes Leal</a>                            |  Brazil  | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Experimental neuropathology   Neuroinflammation   Transplantation of neural stem cells to stroke and trauma   Neuroprotection by na | 27      | 19          | 0.704               | 46        | 33          | 0.717               | 2148     | 994         | 0.463               |
| 1761  | 6730    | 10222  | 240200 | <a href="#">Sergio Galembeck</a>                              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Computational Quantum Chemistry   Chemical Bond   Thermochemical Kinetics   | 27      | 14          | 0.519               | 67        | 24          | 0.358               | 2139     | 622         | 0.291               |
| 1762  | 6731    | 10224  | 240208 | <a href="#">Jose Roberto Brandão De Oliveira</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear  | 27      | 17          | 0.630               | 59        | 30          | 0.508               | 2138     | 1108        | 0.518               |
| 145   | 6732    | 10225  | 240223 | <a href="#">Carmen Leontina Ojeda Ocampo More</a>             |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Social Sciences / Psychology</a><br>Familia   Saúde   Comunidade   redes sociais   violencia  | 27      | 20          | 0.741               | 52        | 39          | 0.750               | 2136     | 1177        | 0.551               |
| 127   | 6733    | 10228  | 240255 | <a href="#">Tereza Cristina Cavalcanti Ferreira De Araujo</a> |  Brazil | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Universid Brasília</a><br>Psicologia  | 27      | 16          | 0.593               | 59        | 25          | 0.424               | 2131     | 915         | 0.429               |
| 80  | 6734    | 10230  | 240265 | <a href="#">Adelmir Souza Machado</a>                         |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Saude Bahia</a><br>doenças respiratórias crônicas   asma   rinite   alergia respiratoria  | 27      | 19          | 0.704               | 48        | 32          | 0.667               | 2130     | 1038        | 0.487               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 128   | 6735    | 10231  | 240292 | <a href="#">Regina Macedo</a>               |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a><br>behavioral ecology   animal behavior   conservation   ornithology   | 27      | 16          | 0.593               | 58        | 36          | 0.621               | 2125     | 903         | 0.425               |
| 482   | 6736    | 10232  | 240303 | <a href="#">Vera Nisaka Solferini</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>evolução   filogeografia   genética de populações   | 27      | 14          | 0.519               | 53        | 21          | 0.396               | 2124     | 734         | 0.346               |
| 14  | 6737    | 10233  | 240317 | <a href="#">José Carlos Curvelo Santana</a> |  Brazil   | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Biotecnologia   Alimentos   Desenvolvimento Sustentável                | 27      | 18          | 0.667               | 64        | 35          | 0.547               | 2122     | 1054        | 0.497               |
| 18  | 6738    | 10234  | 240328 | <a href="#">Mara Almeida</a>                |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>citogenética   genética molecular   | 27      | 16          | 0.593               | 65        | 35          | 0.538               | 2120     | 950         | 0.448               |
| 7   | 6739    | 10239  | 240382 | <a href="#">Gabriela Giro</a>               |  Brazil   | <a href="#">Universidade Guarulhos UNG</a>                             | <a href="#">Guarulhos</a>  | 27      | 19          | 0.704               | 40        | 32          | 0.800               | 2114     | 968         | 0.458               |
| 432   | 6740    | 10240  | 240390 | <a href="#">Edson Luiz Lopes Baldin</a>     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |  | 27      | 20          | 0.741               | 63        | 53          | 0.841               | 2112     | 1327        | 0.628               |
| 65  | 6741    | 10241  | 240417 | <a href="#">Sylvio Barbon Junior</a>        |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Mining   Machine Learning   Computer Vision   Process Mining                               | 27      | 25          | 0.926               | 62        | 55          | 0.887               | 2108     | 1876        | 0.890               |
| 146   | 6742    | 10242  | 240419 | <a href="#">Jane Mara Block</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food science   fats and oils   oxidation   antioxidants   bioactive lipids          | 27      | 22          | 0.815               | 55        | 41          | 0.745               | 2108     | 1391        | 0.660               |
| 6   | 6743    | 10244  | 240442 | <a href="#">Leandro Kerber</a>              |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Natural Sciences / Physics</a><br>Astrophysics   Astronomy   Physics   | 27      | 19          | 0.704               | 39        | 28          | 0.718               | 2105     | 1003        | 0.476               |
| 50  | 6744    | 10246  | 240473 | <a href="#">Gilvano Ebling Brondani</a>     |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Propagation   Vegetative Propagation   Clonal Forestry   Plant Tissue Culture   Forest Nursery | 27      | 18          | 0.667               | 56        | 43          | 0.768               | 2100     | 1146        | 0.546               |
| 45  | 6745    | 10247  | 240498 | <a href="#">Claudio Roberto Duarte</a>      |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>CFD   Operações Unitárias   Moagem   Granulação   Secagem                                   | 27      | 22          | 0.815               | 53        | 46          | 0.868               | 2096     | 1314        | 0.627               |
| 62  | 6746    | 10248  | 240509 | <a href="#">Clayton Luiz Borges</a>         |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>molecular biology   genomics   proteomics   | 27      | 19          | 0.704               | 44        | 37          | 0.841               | 2095     | 1020        | 0.487               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 6747    | 10249  | 240512 | <a href="#">Paulo Henrique Ott</a>              |  Brazil   | <a href="#">Universidade Estadual do Rio Grande do Sul UERGS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Manejo e Conservação da Biodiversidade   | 27      | 17          | 0.630               | 57        | 38          | 0.667               | 2094     | 948         | 0.453               |
| 6   | 6748    | 10251  | 240520 | <a href="#">José Claudio Provenzano</a>         |  Brazil   | <a href="#">Universidade Estácio de Sá</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Dentistry   Endodontia   Endodontics   | 27      | 23          | 0.852               | 33        | 32          | 0.970               | 2094     | 1734        | 0.828               |
| 103   | 6749    | 10253  | 240540 | <a href="#">Volnei Pauletti</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição de Plantas   Fertilidade do solo   Adubação   | 27      | 16          | 0.593               | 60        | 29          | 0.483               | 2091     | 1023        | 0.489               |
| 281   | 6750    | 10254  | 240545 | <a href="#">Claudia Magalhães</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Clínica Odontológica   Materiais Odontológicos   Cariologia  | 27      | 18          | 0.667               | 52        | 39          | 0.750               | 2091     | 1037        | 0.496               |
| 77  | 6751    | 10255  | 240546 | <a href="#">Jean Paul Kamdem</a>                |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>         | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Pharmacology   Toxicology   Natural Products   Forests management                                    | 27      | 23          | 0.852               | 47        | 46          | 0.979               | 2091     | 1635        | 0.782               |
| 1763  | 6752    | 10256  | 240564 | <a href="#">Novembre Adlc</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Tecnologia de Sementes  | 27      | 13          | 0.481               | 60        | 25          | 0.417               | 2088     | 713         | 0.341               |
| 77  | 6753    | 10260  | 240619 | <a href="#">Claudia Trindade Mattos</a>         |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>ortodontia   | 27      | 23          | 0.852               | 48        | 40          | 0.833               | 2082     | 1402        | 0.673               |
| 1764  | 6754    | 10262  | 240640 | <a href="#">Soraia Costa</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | toxins   hydrogen sulfide   pollution   | 27      | 18          | 0.667               | 57        | 30          | 0.526               | 2077     | 868         | 0.418               |
| 15  | 6755    | 10263  | 240647 | <a href="#">Adriana Parada Dias Da Silveira</a> |  Brazil  | <a href="#">Instituto Agronômico</a>                             | <a href="#">Pesquisadora Científica - IAC</a><br>micorriza arbuscular   bactérias endofíticas   bactérias promotoras do crescimento de plantas   indicadores microbianos de quali | 27      | 17          | 0.630               | 34        | 24          | 0.706               | 2077     | 804         | 0.387               |
| 12  | 6756    | 10264  | 240664 | <a href="#">Victor Santana Santos</a>           |  Brazil | <a href="#">Universidade Federal de Alagoas</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Doenças Tropicais Negligenciadas   Determinantes Sociais da Saúde                 | 27      | 24          | 0.889               | 54        | 52          | 0.963               | 2073     | 1894        | 0.914               |
| 81  | 6757    | 10265  | 240684 | <a href="#">Luiza Amim Mercante</a>             |  Brazil | <a href="#">Universidade Federal da Bahia</a>                    | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomaterials   nanocomposites   nanofibers   chemical sensors                                   | 27      | 24          | 0.889               | 42        | 38          | 0.905               | 2070     | 1757        | 0.849               |
| 66  | 6758    | 10266  | 240693 | <a href="#">Roberta Antigo Medeiros</a>         |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Analítica   Eletroanalítica   | 27      | 18          | 0.667               | 31        | 26          | 0.839               | 2069     | 861         | 0.416               |
| 67  | 6759    | 10267  | 240697 | <a href="#">Marcia Cristina Furlaneto</a>       |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                | <a href="#">Medical and Health Sciences / Microbiology</a><br>micologia médica   fatores de virulência   resistencia   identificação molecular                                    | 27      | 16          | 0.593               | 47        | 26          | 0.553               | 2068     | 870         | 0.421               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 24  | 6760    | 10268  | 240739 | <a href="#">Paulo Soares Pc Soares Jr Pc Soares</a>  |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Materials Science   Biomaterials   Surface Engineering   Dental Materials  | 27      | 18          | 0.667               | 54        | 41          | 0.759               | 2059     | 1027        | 0.499               |
| 68  | 6761    | 10269  | 240750 | <a href="#">Paulo Maurício Ruas</a>  |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Genética de Populações e Citogenética de Plantas   | 27      | 12          | 0.444               | 56        | 21          | 0.375               | 2057     | 711         | 0.346               |
| 269   | 6762    | 10270  | 240784 | <a href="#">Raquel Giulian</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>materiais porosos   implantação iônica   semicondutores   | 27      | 15          | 0.556               | 42        | 25          | 0.595               | 2050     | 704         | 0.343               |
| 1765  | 6763    | 10271  | 240801 | <a href="#">Roberto S Martins</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">NeuroHospitaldasClínicas</a><br>Cirurgia de nervos periféricos e plexo braquial   | 27      | 19          | 0.704               | 44        | 36          | 0.818               | 2045     | 1045        | 0.511               |
| 66  | 6764    | 10272  | 240819 | <a href="#">Ralf Schwamborn</a>  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">UFPE</a>  | 27      | 18          | 0.667               | 47        | 35          | 0.745               | 2041     | 924         | 0.453               |
| 119   | 6765    | 10273  | 240832 | <a href="#">Kuri Se</a>  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>engenharia de materiais   corrosão.   | 27      | 16          | 0.593               | 51        | 29          | 0.569               | 2039     | 843         | 0.413               |
| 433   | 6766    | 10274  | 240867 | <a href="#">Wilma De Grava Kempinas</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">BiosBotucatu</a><br>Reproductive and Developmental Biology and Toxicology   | 27      | 18          | 0.667               | 52        | 40          | 0.769               | 2033     | 1040        | 0.512               |
| 282   | 6767    | 10275  | 240885 | <a href="#">Alexandre Raphael Cabral</a>   |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Universidade Federal de Minas Gerais</a>  | 27      | 17          | 0.630               | 55        | 34          | 0.618               | 2027     | 987         | 0.487               |
| 434   | 6768    | 10277  | 240928 | <a href="#">Lucilene Delazari Dos Santos</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Bioquímica Macromoléculas Análise Proteômica Proteômica Clínica Medicina Translacional Toxinologia</a><br>Bioquímica de Macromoléculas   Análise Proteômica   Proteômica Clínica   Medicina Translacional   Toxinologia | 27      | 20          | 0.741               | 48        | 40          | 0.833               | 2019     | 1159        | 0.574               |
| 4   | 6769    | 10278  | 240960 | <a href="#">Nilo Ikuta</a>   |  Brazil | <a href="#">Universidade Luterana do Brasil ULBRA</a>                  | <a href="#">LuteranBrasil</a><br>Diagnóstico Molecular   Biologia Molecular   | 27      | 17          | 0.630               | 46        | 30          | 0.652               | 2012     | 913         | 0.454               |
| 7   | 6770    | 10279  | 240964 | <a href="#">Alvaro De Queiroz Queiroz Aaa Queiroz A De Queiroz Aaa Dequeiroz Aaa Queiroz</a> |  Brazil | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                 | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Avançados e desenvolvimento de Tecnologias para a Saúde   | 27      | 15          | 0.556               | 47        | 24          | 0.511               | 2011     | 719         | 0.358               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 82  | 6771    | 10280  | 240971 | <a href="#">Rennan Geovanny Oliveira Araujo</a>   |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 27      | 19          | 0.704               | 45        | 35          | 0.778               | 2010     | 916         | 0.456               |
| 168   | 6772    | 10281  | 240973 | <a href="#">Gustavo Fernandes Camargo Fonseca</a> |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Benthic Ecology   Nematode Systematics  | 27      | 17          | 0.630               | 43        | 34          | 0.791               | 2010     | 906         | 0.451               |
| 435   | 6773    | 10282  | 240977 | <a href="#">Ivana Cesarino</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Eletroanalítica   Sensores e Biossensores   Desenvolvimento e Caracterização de Novos Materiais e Biomateriais | 27      | 20          | 0.741               | 50        | 42          | 0.840               | 2009     | 1233        | 0.614               |
| 22  | 6774    | 10283  | 240983 | <a href="#">Amilcar Machulek Junior</a>           |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química   Química Ambiental   | 27      | 22          | 0.815               | 42        | 37          | 0.881               | 2008     | 1297        | 0.646               |
| 268   | 6775    | 10285  | 240995 | <a href="#">Lilian Paglarelli Bergqvist</a>       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">PaleontologiRioJaneiro</a><br>Paleontologia de Vertebrados   Mamíferos Cenozoicos  | 27      | 16          | 0.593               | 56        | 31          | 0.554               | 2005     | 825         | 0.411               |
| 14  | 6776    | 10286  | 241008 | <a href="#">Delano Gobbi</a>                      |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Aeronomy, National Institute for Space Research (INPE)</a><br>Aeronomy   Atmospheric Physics   Airglow   | 27      | 13          | 0.481               | 55        | 27          | 0.491               | 2003     | 608         | 0.304               |
| 69  | 6777    | 10287  | 241017 | <a href="#">Marcela Maria Baracat</a>             |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">TecnologiFarmacêutic</a><br>desenvolvimento e controle de qualidade de medicamentos   sistemas de liberação de fármacos  | 27      | 23          | 0.852               | 44        | 36          | 0.818               | 2001     | 1450        | 0.725               |
| 78  | 6778    | 10288  | 241037 | <a href="#">Roberto Linares</a>                   |  Brazil  | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Physics</a><br>física nuclear   | 27      | 24          | 0.889               | 45        | 40          | 0.889               | 1998     | 1498        | 0.750               |
| 13  | 6779    | 10293  | 241064 | <a href="#">Gael Poirier</a>                      |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic chemistry   Thermal properties of materials   Optical properties of Materials   Glasses                  | 27      | 18          | 0.667               | 49        | 35          | 0.714               | 1991     | 922         | 0.463               |
| 436   | 6780    | 10294  | 241082 | <a href="#">Idomeo Bonetti Filho</a>              |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Odontologia  | 27      | 14          | 0.519               | 48        | 26          | 0.542               | 1988     | 687         | 0.346               |
| 483   | 6781    | 10295  | 241092 | <a href="#">Maria Cristina Volpato</a>            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Pharmacology</a>   | 27      | 19          | 0.704               | 50        | 31          | 0.620               | 1986     | 904         | 0.455               |
| 1766  | 6782    | 10298  | 241132 | <a href="#">Jaroslava Varella Valentova</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Human sexuality   Human ethology   Evolutionary psychology   Sexual orientation   Cross-cultural research                  | 27      | 24          | 0.889               | 42        | 39          | 0.929               | 1977     | 1601        | 0.810               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 283   | 6783    | 10299  | 241135 | <a href="#">Marina Gonçalves Diniz</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Biologia do Câncer   | 27      | 19          | 0.704               | 54        | 44          | 0.815               | 1976     | 1121        | 0.567               |
| 70  | 6784    | 10300  | 241141 | <a href="#">Elen Romão Sartori</a>                |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Electroanalítica  | 27      | 23          | 0.852               | 54        | 47          | 0.870               | 1975     | 1232        | 0.624               |
| 1767  | 6785    | 10301  | 241143 | <a href="#">Sandra Maria Galheigo</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">OccupationalTherapy</a><br>Occupational therapy   | 27      | 19          | 0.704               | 44        | 33          | 0.750               | 1975     | 1155        | 0.585               |
| 269   | 6786    | 10302  | 241147 | <a href="#">Narcisa Leal Da Cunha E Silva</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Natural Sciences / Biological Science</a><br>BIOLOGIA CELULAR   PROTOZOOLOGIA. MICROSCOPIA  | 27      | 15          | 0.556               | 49        | 25          | 0.510               | 1974     | 589         | 0.298               |
| 15  | 6787    | 10305  | 241182 | <a href="#">Reinaldo Roberto Rosa</a>             |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>     | <a href="#">Pesquisador Titular, Instituto Nacional de Pesquisas Espaciais</a><br>Applied Computing   Data Science   Computational Space Physics   Environmental Physics   Extreme Events in Astrophysics | 27      | 9           | 0.333               | 53        | 9           | 0.170               | 1965     | 459         | 0.234               |
| 484   | 6788    | 10306  | 241200 | <a href="#">Liliana A Lucci De Angelo Andrade</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology  | 27      | 14          | 0.519               | 57        | 23          | 0.404               | 1962     | 673         | 0.343               |
| 3   | 6789    | 10307  | 241212 | <a href="#">Aquiles Camelier</a>                  |  Brazil   | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>    | <a href="#">da Escola Bahiana Medicina e SaúPública</a>   | 27      | 20          | 0.741               | 47        | 34          | 0.723               | 1960     | 943         | 0.481               |
| 485   | 6790    | 10308  | 241217 | <a href="#">Juliano Alves Bonacin</a>             |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water Splitting   Water Oxidation   Artificial Photosynthesis   Electrocatalysis   3D Printing                  | 27      | 22          | 0.815               | 47        | 43          | 0.915               | 1959     | 1639        | 0.837               |
| 437   | 6791    | 10311  | 241277 | <a href="#">Eloi Feitosa</a>                      |  Brazil | <a href="#">Universidade Paulista Júlio de Mesquita Filho</a> | <a href="#">IIIJulioMesquitFilho</a><br>Physico-chemical of interfaces   Association colloids   | 27      | 12          | 0.444               | 39        | 15          | 0.385               | 1944     | 415         | 0.213               |
| 270   | 6792    | 10314  | 241324 | <a href="#">Eduardo Arcoverde De Mattos</a>       |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Ecology   Plant Functional Ecology   Stress Ecology   Community Assembly   Atlantic Rain Forest                                       | 27      | 15          | 0.556               | 51        | 20          | 0.392               | 1935     | 626         | 0.324               |
| 35  | 6793    | 10315  | 241344 | <a href="#">Carlos Rafael Borges Mendes</a>       |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>       | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Biological Oceanography   Phytoplankton   Microphytobenthos   HPLC pigments - CHEMTAX   Polar Biology and Ecology       | 27      | 21          | 0.778               | 46        | 43          | 0.935               | 1930     | 1224        | 0.634               |
| 30  | 6794    | 10318  | 241426 | <a href="#">German Lugones</a>                    |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>             | <a href="#">Natural Sciences / Physics</a><br>Neutron Star Physics and Astrophysics   Early Universe  | 27      | 18          | 0.667               | 38        | 26          | 0.684               | 1907     | 854         | 0.448               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14  | 6795    | 10319  | 241441 | <a href="#">Elton Guntendorfer</a>                |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   polissacarídeos   filmes biodegradáveis   revestimento comestível   embalagens          | 27      | 22          | 0.815               | 46        | 38          | 0.826               | 1903     | 1520        | 0.799               |
| 14  | 6796    | 10325  | 241491 | <a href="#">Andreлина Noronha Coelho De Souza</a> |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                         | Dor e Inflamação   Trato gastrointestinal   Diabetes   Neuropatia diabética   Plantas medicinais  | 27      | 15          | 0.556               | 42        | 27          | 0.643               | 1881     | 729         | 0.388               |
| 96  | 6797    | 10328  | 241531 | <a href="#">Tiago Almeida Silva</a>               |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Biocombustíveis   Química Analítica   Eletroquímica   Eletroanalítica                             | 27      | 24          | 0.889               | 46        | 44          | 0.957               | 1863     | 1538        | 0.826               |
| 1768  | 6798    | 10331  | 241561 | <a href="#">Alison Colquhoun</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |   | 27      | 15          | 0.556               | 45        | 22          | 0.489               | 1850     | 709         | 0.383               |
| 1769  | 6799    | 10332  | 241562 | <a href="#">Rildo Aparecido Volpini</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">CientíficoHospitaldasClínicasFMP</a><br>Fisiologia e Fisiopatologia Renal   | 27      | 20          | 0.741               | 44        | 36          | 0.818               | 1850     | 1042        | 0.563               |
| 1770  | 6800    | 10333  | 241568 | <a href="#">Riccardo Lacchini</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacogenética   farmacogenômica   genética de doenças complexas           | 27      | 18          | 0.667               | 60        | 44          | 0.733               | 1848     | 1051        | 0.569               |
| 1771  | 6801    | 10334  | 241576 | <a href="#">Thiago José Dionísio</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Human performance   genetics   inflammation   | 27      | 18          | 0.667               | 52        | 43          | 0.827               | 1847     | 1052        | 0.570               |
| 1772  | 6802    | 10335  | 241577 | <a href="#">Thiago Jose Dionísio</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Inflamação   doença periodontal   performance humana e polimorfismos genéticos.                          | 27      | 18          | 0.667               | 52        | 43          | 0.827               | 1846     | 1052        | 0.570               |
| 271   | 6803    | 10336  | 241585 | <a href="#">Lara Ls</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Universidade Federal do Rio de Janeiro</a>  | 27      | 16          | 0.593               | 43        | 26          | 0.605               | 1843     | 768         | 0.417               |
| 438   | 6804    | 10338  | 241618 | <a href="#">Mauro Pedrine Santamaria</a>          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>periodontia e implantodontia   | 27      | 22          | 0.815               | 51        | 47          | 0.922               | 1829     | 1349        | 0.738               |
| 167   | 6805    | 10340  | 241680 | <a href="#">Paulo Cesar Basta</a>                 |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health   Indigenous People   Tuberculosis   Mercury Poisoning   Human Rights | 27      | 18          | 0.667               | 47        | 35          | 0.745               | 1797     | 967         | 0.538               |
| 284   | 6806    | 10341  | 241682 | <a href="#">Daniel Menezes Souza</a>              |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Clinical Pathology</a><br>Clinical Pathology   Immunology   Parasitology   Infectious Diseases   Applied Biotechnology    | 27      | 22          | 0.815               | 59        | 56          | 0.949               | 1796     | 1302        | 0.725               |
| 1773  | 6807    | 10342  | 241710 | <a href="#">Anderson Braga De Aguiar</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Contábeis</a><br>Contabilidade Gerencial e Tomada de Decisões.  | 27      | 16          | 0.593               | 40        | 29          | 0.725               | 1777     | 761         | 0.428               |

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| 120   | 6808    | 10343  | 241711 | <a href="#">José Mario Aquino</a>                |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                                  | <a href="#">AUFSCar</a><br>eletroquímica   tratamento de efluentes e água de abastecimento   dispositivos de armazenamento de energia   | 27      | 21          | 0.778               | 36        | 32          | 0.889               | 1777     | 1124        | 0.633               |
| 13  | 6809    | 10344  | 241752 | <a href="#">Marcelo Borges Fernandes</a>         |  Brazil   | <a href="#">Observatorio Nacional</a>   | <a href="#">Observatório Nacional</a><br>Stellar Astrophysics   astrobology   | 27      | 17          | 0.630               | 45        | 35          | 0.778               | 1734     | 995         | 0.574               |
| 1774  | 6810    | 10348  | 241789 | <a href="#">Farid Tari</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                       | <a href="#">Natural Sciences / Mathematics</a><br>Geometria Diferencial   Teoria de Singularidades   Equações Diferenciais  | 27      | 13          | 0.481               | 44        | 18          | 0.409               | 1705     | 554         | 0.325               |
| 486   | 6811    | 10356  | 242223 | <a href="#">Benilton S Carvalho</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                           | <a href="#">Natural Sciences / Statistics</a><br>Statistics   Computational Biology   Bioinformatics   Biostatistics   Data Science   | 26      | 20          | 0.769               | 40        | 33          | 0.825               | 9023     | 6024        | 0.668               |
| 1775  | 6812    | 10357  | 242258 | <a href="#">Pedro Alberto Morettin</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                       | <a href="#">Natural Sciences / Statistics</a><br>Time Series Analysis   | 26      | 15          | 0.577               | 55        | 19          | 0.345               | 8465     | 2462        | 0.291               |
| 487   | 6813    | 10359  | 242271 | <a href="#">Ernesto Ruppert Filho</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                           | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Máquinas Elétricas   Eletrônica de Potência   Sistemas de Energia Elétrica   Gerações Eólicas e Fotovoltaicas   Redes Elétricas CA e CC | 26      | 18          | 0.692               | 58        | 33          | 0.569               | 8364     | 3713        | 0.444               |
| 146   | 6814    | 10360  | 242277 | <a href="#">Maria De Lourdes Mendonça-Santos</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                         | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil   Digital Soil Mapping   Soil Carbon   | 26      | 18          | 0.692               | 44        | 27          | 0.614               | 8309     | 4238        | 0.510               |
| 169   | 6815    | 10361  | 242323 | <a href="#">Ana Claudia Trocoli Torrecilhas</a>  |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                           | <a href="#">IISaoPauloUNIFESP</a><br>parasite host interaction Extracellular vesicles Trypanosoma cruzi Immune response   | 26      | 23          | 0.885               | 42        | 38          | 0.905               | 7908     | 7040        | 0.890               |
| 1   | 6816    | 10362  | 242351 | <a href="#">Mônica Silva</a>                     |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Maranhão IFMA</a> | <a href="#">estudante</a><br>Psicologia   Educação   Cognição Humana   Formação Continuada   Educação Física  | 26      | 18          | 0.692               | 79        | 36          | 0.456               | 7615     | 5943        | 0.780               |
| 168   | 6817    | 10363  | 242399 | <a href="#">Bruno Solano De Freitas Souza</a>    |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Stem cells   regenerative medicine   cell and gene therapy   biomarkers  | 26      | 21          | 0.808               | 44        | 36          | 0.818               | 7320     | 6904        | 0.943               |
| 1776  | 6818    | 10366  | 242635 | <a href="#">Roberto Costa</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                       | <a href="#">Medical and Health Sciences / Cardiovascular Surgery</a><br>Cardiac Pacing   Pacemaker   Implantable Cardioverter Defibrillator   Cardiac Resynchronization Therapy   Transvenous Lead Extractio                      | 26      | 17          | 0.654               | 62        | 27          | 0.435               | 6212     | 1226        | 0.197               |
| 78  | 6819    | 10368  | 242780 | <a href="#">Felix Alberto Farret</a>             |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                            | <a href="#">Engineering &amp; Technology / Energy Engineering</a><br>Photovoltaic systems   Alternative sources of energy   Energy storage   Harmonics in power systems   Surface geothermal energy                               | 26      | 17          | 0.654               | 48        | 24          | 0.500               | 5780     | 1880        | 0.325               |
| 1777  | 6820    | 10369  | 242782 | <a href="#">Edison Ferreira De Paiva</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                       | <a href="#">HospitaldasClínicasMedicinP</a><br>Parada cardiopulmonar   Profilaxia de tromboembolismo venoso   | 26      | 21          | 0.808               | 42        | 33          | 0.786               | 5773     | 3438        | 0.596               |


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| University  | Country | Region | World  | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1778  | 6821    | 10370  | 242817 | <a href="#">Laura Guilhoto</a>  |    | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSÁfo Paulo</a><br>epilepsia  | 26      | 20          | 0.769               | 47        | 36          | 0.766               | 5698     | 4305        | 0.756               |
| 25  | 6822    | 10373  | 243089 | <a href="#">Romeu Felipe Bacellar Filho</a>   |    | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>        | Direito Público   Direito Constitucional   Direito Administrativo   | 26      | 19          | 0.731               | 47        | 31          | 0.660               | 5183     | 2140        | 0.413               |
| 121   | 6823    | 10375  | 243131 | <a href="#">Sergio Luis Da Silva</a>  |    | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Industrial Engineering   Knowledge Management   Information Science   Product Development   Project Management | 26      | 18          | 0.692               | 43        | 30          | 0.698               | 5118     | 2265        | 0.443               |
| 104   | 6824    | 10377  | 243261 | <a href="#">Mauro Antonio Alves Castro</a>  |    | <a href="#">Universidade Federal do Paraná</a>                          | <a href="#">UFPR</a><br>Cancer Systems Biology  | 26      | 19          | 0.731               | 49        | 34          | 0.694               | 4946     | 4169        | 0.843               |
| 1779  | 6825    | 10378  | 243374 | <a href="#">Paulo Barbeitas Miranda</a>   |    | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Physics</a><br>Nonlinear optics   physical chemistry of interfaces   organic semiconductors and devices  | 26      | 18          | 0.692               | 49        | 31          | 0.633               | 4794     | 1200        | 0.250               |
| 25  | 6826    | 10379  | 243397 | <a href="#">Amarolinda Klein</a>  |    | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>          | <a href="#">Business &amp; Management / Business Administration</a><br>Administração   Sistemas de Informação   | 26      | 18          | 0.692               | 60        | 31          | 0.517               | 4749     | 2048        | 0.431               |
| 285   | 6827    | 10380  | 243411 | <a href="#">Sueli Aparecida Mingoti</a>   |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Natural Sciences / Statistics</a><br>estatística  | 26      | 17          | 0.654               | 48        | 19          | 0.396               | 4736     | 1711        | 0.361               |
| 24  | 6828    | 10382  | 243424 | <a href="#">Ruben Jesus Sanchez Sanchez Rodriguez RJ Sanchez Rodriguez RJ Sanchez Rodriguez Rjs Rodriguez</a> |  | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Polymer Sciences  | 26      | 19          | 0.731               | 52        | 27          | 0.519               | 4724     | 1269        | 0.269               |
| 17  | 6829    | 10384  | 243438 | <a href="#">Peter Pal Pelbart</a>   |  | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>    | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Filosofia contemporânea   | 26      | 19          | 0.731               | 61        | 28          | 0.459               | 4707     | 1742        | 0.370               |
| 14  | 6830    | 10386  | 243458 | <a href="#">Gustavo Valdivieso</a>  |  | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>               | <a href="#">Natural Sciences / Physics</a><br>Neutrino Physics   Scientific Computing   Detector Simulation   Data Analysis   | 26      | 24          | 0.923               | 39        | 34          | 0.872               | 4683     | 2945        | 0.629               |
| 46  | 6831    | 10388  | 243573 | <a href="#">Ernane Antônio Alves Coelho</a>   |  | <a href="#">Universidade Federal de Uberlândia</a>                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Electronics   Microgrids   Power Factor Correction   Active Filters   | 26      | 17          | 0.654               | 71        | 27          | 0.380               | 4572     | 2284        | 0.500               |


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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 272   | 6832    | 10392  | 243729 | <a href="#">Ruynet Lima De Matos Filho</a> |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Quantum Information   Quantum Optics   | 26      | 14          | 0.538               | 34        | 20          | 0.588               | 4429     | 1369        | 0.309               |
| 61  | 6833    | 10393  | 243730 | <a href="#">Tinoco EMB</a>                 |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Periodontia   Microbiologia   Clínica Odontológica   Implantodontia                         | 26      | 17          | 0.654               | 41        | 28          | 0.683               | 4428     | 1016        | 0.229               |
| 273   | 6834    | 10394  | 243734 | <a href="#">Marcio Alves Ferreira</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética   biologia vegetal   biologia do desenvolvimento vegetal                             | 26      | 23          | 0.885               | 52        | 40          | 0.769               | 4425     | 1975        | 0.446               |
| 286   | 6835    | 10395  | 243752 | <a href="#">Juan Carlos Campos Rubio</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Composite   Machining   Precision Engineering   | 26      | 21          | 0.808               | 44        | 35          | 0.795               | 4410     | 2375        | 0.539               |
| 1780  | 6836    | 10398  | 243800 | <a href="#">Ricardo Mariano</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Sociology</a><br>sociologia  | 26      | 19          | 0.731               | 33        | 28          | 0.848               | 4373     | 1830        | 0.418               |
| 488   | 6837    | 10399  | 243810 | <a href="#">Ricardo Dahab</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Cryptography   Graph Theory   | 26      | 16          | 0.615               | 49        | 23          | 0.469               | 4367     | 873         | 0.200               |
| 1781  | 6838    | 10402  | 243847 | <a href="#">Maria Clara Di Pierro</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Education / Education</a><br>Educação de jovens e adultos   Políticas educacionais   Educação popular  | 26      | 16          | 0.615               | 38        | 25          | 0.658               | 4336     | 1668        | 0.385               |
| 489   | 6839    | 10404  | 243882 | <a href="#">Vera Lucia Garcia Rehder</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos naturais   plantas medicinais   farmacognosia   química orgânica    | 26      | 22          | 0.846               | 41        | 30          | 0.732               | 4314     | 1556        | 0.361               |
| 1782  | 6840    | 10407  | 243908 | <a href="#">Jose Pastore</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Relações do trabalho   | 26      | 9           | 0.346               | 66        | 9           | 0.136               | 4291     | 1124        | 0.262               |
| 1783  | 6841    | 10408  | 243934 | <a href="#">Mário H Barros</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">ICB/P</a>  | 26      | 18          | 0.692               | 39        | 30          | 0.769               | 4266     | 1082        | 0.254               |
| 270   | 6842    | 10409  | 243950 | <a href="#">Márcio Poletto Ferreira</a>    |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>ortopedia   diagnóstico por imagem e cirurgia geral                                    | 26      | 19          | 0.731               | 64        | 37          | 0.578               | 4255     | 1656        | 0.389               |
| 67  | 6843    | 10412  | 244112 | <a href="#">Judith Kelner</a>              |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">UniversidPernambuco</a>  | 26      | 19          | 0.731               | 78        | 37          | 0.474               | 4144     | 1468        | 0.354               |
| 147   | 6844    | 10413  | 244146 | <a href="#">Jayme Garcia Arnal Barbedo</a> |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Researcher, Empresa Brasileira de Pesquisa Agropecuária (Embrapa)</a><br>Digital signal processing   digital audio processing   digital image processing | 26      | 24          | 0.923               | 44        | 34          | 0.773               | 4119     | 3462        | 0.840               |







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| 490   | 6845    | 10414  | 244183 | <a href="#">Joaquim EA Seabra</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia mecânica   Planejamento energético   Bioenergia                              | 26      | 22          | 0.846               | 47        | 41          | 0.872               | 4095     | 1996        | 0.487               |
| 169   | 6846    | 10416  | 244220 | <a href="#">Nisia Trindade Lima</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                         | <a href="#">History, Philosophy, Theology / History</a><br>sociology of knowledge   history of ideas   history of ideas   intellectuals                          | 26      | 18          | 0.692               | 56        | 27          | 0.482               | 4068     | 1343        | 0.330               |
| 491   | 6847    | 10418  | 244278 | <a href="#">Luiz Fernando Bittencourt</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Distributed Systems   Cloud Computing   Fog Computing   Edge Computing   Computing Continuum  | 26      | 23          | 0.885               | 64        | 48          | 0.750               | 4027     | 2615        | 0.649               |
| 16  | 6848    | 10420  | 244297 | <a href="#">Rogerio Moraes Oliveira</a>               |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>     | <a href="#">Pesquisador - INPE</a><br>plasma   materiais   | 26      | 19          | 0.731               | 74        | 42          | 0.568               | 4014     | 2371        | 0.591               |
| 439   | 6849    | 10421  | 244352 | <a href="#">Marilia Freitas De Campos Tozoni Reis</a> |  Brazil   | <a href="#">Universidade Paulista Júlio de Mesquita Filho</a> | <a href="#">Education / Education</a><br>educação ambiental   escola   politica educacional  | 26      | 18          | 0.692               | 51        | 30          | 0.588               | 3976     | 1712        | 0.431               |
| 31  | 6850    | 10422  | 244360 | <a href="#">Marcelo Araujo Da Silva</a>               |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>             | <a href="#">FEDERALUNIVERSITYOFABC</a><br>OPTIMIZATION   STRUCTURES   RELIABILITY  | 26      | 17          | 0.654               | 88        | 37          | 0.420               | 3973     | 2515        | 0.633               |
| 1784  | 6851    | 10423  | 244361 | <a href="#">Fernando César Almada Santos</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">UniversidSÁfo Paulo</a><br>Organização do Trabalho em Operações   Interface entre Sistemas de Produção e Gestão de Pessoas   Cultura Organizacional. | 26      | 17          | 0.654               | 48        | 23          | 0.479               | 3973     | 1859        | 0.468               |
| 48  | 6852    | 10425  | 244384 | <a href="#">Marco Antonio Morales Torres</a>          |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Norte</a>   | <a href="#">Natural Sciences / Physics</a><br>nanomagnetism   biomedical applications   material science   polymers   Mossbauer spectroscopy                     | 26      | 20          | 0.769               | 50        | 41          | 0.820               | 3957     | 1725        | 0.436               |
| 1785  | 6853    | 10426  | 244398 | <a href="#">Ana Maria Fernandes Pitta</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">DoSalvador</a><br>Saúde Mental   Reabilitação Psicossocial   Drogas  | 26      | 13          | 0.500               | 34        | 17          | 0.500               | 3950     | 897         | 0.227               |
| 1786  | 6854    | 10427  | 244402 | <a href="#">Nelio Bizzo</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Education / Education</a><br>Evolution Education   Education   Science Education   | 26      | 16          | 0.615               | 63        | 28          | 0.444               | 3946     | 1432        | 0.363               |
| 1787  | 6855    | 10429  | 244428 | <a href="#">Fernanda Rauber</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutritional epidemiology   Public Health   Ultra-processed foods.                       | 26      | 22          | 0.846               | 49        | 44          | 0.898               | 3932     | 3453        | 0.878               |
| 21  | 6856    | 10433  | 244549 | <a href="#">Marcelo Silveira Rabello</a>              |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>        | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros   materiais  | 26      | 17          | 0.654               | 43        | 27          | 0.628               | 3860     | 1155        | 0.299               |
| 3   | 6857    | 10434  | 244584 | <a href="#">Celice Alexandre Silva</a>                |  Brazil | <a href="#">Universidade do Estado de Mato Grosso UNEMAT</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Biologia reprodutiva  | 26      | 17          | 0.654               | 81        | 38          | 0.469               | 3843     | 2018        | 0.525               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 83  | 6858    | 10436  | 244627 | <a href="#">Leny A Bomfim Trad</a>               |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                            | <a href="#">IV.SaúColetiva.Bahia</a><br>Ciências Sociais em Saúde   Políticas Públicas   Comunidade   Família e Serviços de Saúde   Itinerários terapêuticos e Cron                 | 26      | 17          | 0.654               | 44        | 27          | 0.614               | 3821     | 1092        | 0.286               |
| 1788  | 6859    | 10437  | 244694 | <a href="#">Bryan Saunders</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | Exercise physiology - Sport nutrition - Nutritional supplementation   | 26      | 25          | 0.962               | 45        | 45          | 1.000               | 3788     | 2603        | 0.687               |
| 1789  | 6860    | 10438  | 244763 | <a href="#">Susana I Segura Muñoz</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | Microbiologia ambiental   saúde ambiental   recursos hídricos   | 26      | 18          | 0.692               | 59        | 38          | 0.644               | 3762     | 2384        | 0.634               |
| 105   | 6861    | 10439  | 244800 | <a href="#">Adriane Bianchi Pedroni Medeiros</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                           | <a href="#">EngenhariBioprocessoseBiotecnologia&amp;#x2013</a>  | 26      | 24          | 0.923               | 46        | 40          | 0.870               | 3747     | 2273        | 0.607               |
| 1790  | 6862    | 10440  | 244809 | <a href="#">Alexandre Panosso Netto</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">UniversidSÃO Paulo</a><br>Ciências Sociais   Turismo   Hospitalidade   Educação Superior   Lazer  | 26      | 19          | 0.731               | 50        | 34          | 0.680               | 3743     | 1995        | 0.533               |
| 1791  | 6863    | 10441  | 244817 | <a href="#">Flavio Tarasoutchi</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">CoraSÃO</a><br>cardiologia clínica   Doença Valvar   Endocardite Infecçiosa   Febre Reumática   | 26      | 19          | 0.731               | 77        | 35          | 0.455               | 3740     | 1844        | 0.493               |
| 1792  | 6864    | 10442  | 244823 | <a href="#">Marcos Cortez Campomar</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Business &amp; Management / Marketing</a><br>Marketing   Planejamento de Marketing  | 26      | 16          | 0.615               | 54        | 23          | 0.426               | 3739     | 1051        | 0.281               |
| 1   | 6865    | 10443  | 244842 | <a href="#">Patricia Pereira De Oliveira</a>     |  Brazil   | <a href="#">Universidade Comunitaria da Região de Chapecó UNOCHAPECÓ</a> | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Menopause   Osteoporosis   Obstetrician  | 26      | 19          | 0.731               | 56        | 36          | 0.643               | 3731     | 2185        | 0.586               |
| 492   | 6866    | 10444  | 244843 | <a href="#">David Dequech</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Institutions   conventions   social norms   uncertainty   economy   | 26      | 18          | 0.692               | 38        | 26          | 0.684               | 3731     | 1346        | 0.361               |
| 440   | 6867    | 10446  | 244878 | <a href="#">Cynthia Pa Prado</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Ecology and behavior of amphibians   | 26      | 19          | 0.731               | 57        | 32          | 0.561               | 3718     | 1570        | 0.422               |
| 1793  | 6868    | 10447  | 244889 | <a href="#">Marina Vieira Da Silva</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            |   | 26      | 14          | 0.538               | 57        | 20          | 0.351               | 3714     | 1630        | 0.439               |
| 62  | 6869    | 10448  | 244893 | <a href="#">Marcia Marques</a>                   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>            | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Engineering   | 26      | 20          | 0.769               | 59        | 32          | 0.542               | 3712     | 2046        | 0.551               |
| 147   | 6870    | 10449  | 244898 | <a href="#">Julia S Guivant</a>                  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>              | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental sociology   Risk perception   Social studies of science   Sociology of food | 26      | 14          | 0.538               | 48        | 18          | 0.375               | 3709     | 1008        | 0.272               |
| 1794  | 6871    | 10452  | 244950 | <a href="#">Alexandre Luiz Neves Silva</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">University of São Paulo</a>   | 26      | 18          | 0.692               | 77        | 33          | 0.429               | 3693     | 1680        | 0.455               |

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|---|---------|--------|--------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 79  | 6872    | 10453  | 244969 | <a href="#">Robson Maia Franco</a>             |  Brazil   | <a href="#">Universidade Federal Fluminense</a>   | <a href="#">universidadefederal</a><br>microbiologia de alimentos  | 26      | 19          | 0.731               | 79        | 37          | 0.468               | 3689     | 1724        | 0.467               |
| 274   | 6873    | 10454  | 245032 | <a href="#">Jose Abreu</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell and Developmental Biology  | 26      | 22          | 0.846               | 37        | 27          | 0.730               | 3666     | 1477        | 0.403               |
| 1   | 6874    | 10455  | 245046 | <a href="#">Caio Maximino De Oliveira</a>      |  Brazil   | <a href="#">Universidade Federal do Sul e Sudeste do Pará</a>                           | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociência comportamental  | 26      | 25          | 0.962               | 56        | 49          | 0.875               | 3659     | 2243        | 0.613               |
| 4   | 6875    | 10456  | 245088 | <a href="#">Paulo Sávio Damásio Da Silva</a>   |  Brazil   | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>                              | <a href="#">Professor de Ecologia, Universidade Estadual do Sudoeste da Bahia</a><br>Seu principal interesse é avaliar padrões de distribuição das formigas cortadeiras e o seu papel   conseqüentemente   afetando as comunidades de plantas em florestas degradadas   florestas secundárias e primárias. | 26      | 20          | 0.769               | 82        | 44          | 0.537               | 3642     | 2021        | 0.555               |
| 287   | 6876    | 10457  | 245091 | <a href="#">Arnaldo De Albuquerque Araujo</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>digital image processing   computer vision   medical imaging   content based information retrieval   remote sensing   | 26      | 14          | 0.538               | 61        | 20          | 0.328               | 3641     | 1250        | 0.343               |
| 170   | 6877    | 10458  | 245097 | <a href="#">Andréa Silvestre De Sousa</a>      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   Chagas disease  | 26      | 20          | 0.769               | 60        | 40          | 0.667               | 3637     | 2187        | 0.601               |
| 1795  | 6878    | 10459  | 245151 | <a href="#">Luiz N Oliveira</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Natural Sciences / Physics</a><br>Transporte em nanoestruturas   efeito Kondo   teoria do funcional da densidade   | 26      | 16          | 0.615               | 46        | 21          | 0.457               | 3620     | 951         | 0.263               |
| 288   | 6879    | 10460  | 245175 | <a href="#">Ilka Afonso Reis</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                               | <a href="#">Natural Sciences / Statistics</a><br>Estatística   | 26      | 23          | 0.885               | 63        | 51          | 0.810               | 3612     | 2021        | 0.560               |
| 3   | 6880    | 10461  | 245187 | <a href="#">Otavio Aloisio Maldaner</a>        |  Brazil | <a href="#">Universidade Regional do Noroeste do Estado do Rio Grande do Sul UNIJUÁ</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Educação Química   Formação de Professores   Currículo no Ensino de Ciências   | 26      | 16          | 0.615               | 42        | 28          | 0.667               | 3609     | 1220        | 0.338               |
| 493   | 6881    | 10464  | 245286 | <a href="#">Maria Elvira Pizzigatti Correa</a> |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Hospitalar   Hematologia   Oncologia   Transplante de Células Hematopoiéticas   Doença do Enxerto contra o Hospedeiro   | 26      | 17          | 0.654               | 56        | 28          | 0.500               | 3577     | 1628        | 0.455               |
| 275   | 6882    | 10465  | 245308 | <a href="#">Marcelo Colaço</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                                  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Engineering  | 26      | 16          | 0.615               | 76        | 34          | 0.447               | 3571     | 1363        | 0.382               |

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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 6883    | 10466  | 245313 | <a href="#">Pedro Higuchi</a>                      |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>         | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia Florestal   Floresta   Fitossociologia   Ciências Florestais   Engenharia Florestal  | 26      | 21          | 0.808               | 58        | 47          | 0.810               | 3569     | 2737        | 0.767               |
| 494   | 6884    | 10468  | 245329 | <a href="#">Luís Fernando Tófoli</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">CampinasUNICAMP</a><br>ayahuasca   psychedelics   drug policy   mental health in primary health care   | 26      | 21          | 0.808               | 44        | 37          | 0.841               | 3564     | 2456        | 0.689               |
| 129   | 6885    | 10470  | 245370 | <a href="#">Carlos Benedito Martins</a>            |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Social Sciences / Sociology</a><br>Sociologia  | 26      | 15          | 0.577               | 43        | 24          | 0.558               | 3546     | 1141        | 0.322               |
| 14  | 6886    | 10473  | 245398 | <a href="#">Alfredo Miguel Ozorio De Almeida</a>   |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Física teórica   sistemas dinâmicos caóticos   mecânica quântica no espaço de fases  | 26      | 12          | 0.462               | 62        | 17          | 0.274               | 3535     | 589         | 0.167               |
| 441   | 6887    | 10474  | 245410 | <a href="#">Regina Maria Barretto Cicarelli</a>    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   Parasitologia   Genética Forense   Farmácia  | 26      | 18          | 0.692               | 54        | 31          | 0.574               | 3531     | 1097        | 0.311               |
| 1796  | 6888    | 10475  | 245411 | <a href="#">Elaine Caldeira De Oliveira Guirro</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciRibeirão Preto</a>   | 26      | 18          | 0.692               | 59        | 45          | 0.763               | 3530     | 1732        | 0.491               |
| 1797  | 6889    | 10476  | 245415 | <a href="#">José Reinaldo De Lima Lopes</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">History, Philosophy, Theology / History</a><br>história do direito   filosofia do direito   direitos humanos   teoria geral do direito   teoria da justiça   | 26      | 16          | 0.615               | 48        | 27          | 0.563               | 3529     | 1005        | 0.285               |
| 96  | 6890    | 10479  | 245437 | <a href="#">Joao Alencar Pamphile</a>              |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Biotecnologia Microbiana Fitossanidade Genética Molecular e Microrganismos </a><br>Biotecnologia Microbiana   Fitossanidade   Genética Molecular e de Microrganismos   | 26      | 23          | 0.885               | 55        | 45          | 0.818               | 3522     | 2555        | 0.725               |
| 171   | 6891    | 10480  | 245456 | <a href="#">Alejandro Marcel Hasslocher Moreno</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Instituto Nacional de Infectologia Evandro Chagas Fiocruz</a><br>Chagas Disease  | 26      | 21          | 0.808               | 48        | 37          | 0.771               | 3512     | 1870        | 0.532               |
| 1798  | 6892    | 10481  | 245527 | <a href="#">Paulo Henrique Braz Silva</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia   Virologia   Medicina Oral   | 26      | 22          | 0.846               | 98        | 65          | 0.663               | 3490     | 2339        | 0.670               |
| 495   | 6893    | 10482  | 245529 | <a href="#">Ana Kristina Silva</a>                 |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | sistemática filogenética   insetos   lepidoptera   | 26      | 17          | 0.654               | 70        | 31          | 0.443               | 3488     | 1436        | 0.412               |
| 1799  | 6894    | 10483  | 245534 | <a href="#">Rodrigo Alexandre Panepucci</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">CientíficoTecnológicoHemoRibeirão PretoHCFMRP&amp;#226;C&amp;#228;C&amp;#229;C&amp;#230;C&amp;#231;C&amp;#232;C&amp;#233;C&amp;#234;C&amp;#235;C&amp;#236;C&amp;#237;C&amp;#238;C&amp;#239;C&amp;#240;C&amp;#241;C&amp;#242;C&amp;#243;C&amp;#244;C&amp;#245;C&amp;#246;C&amp;#247;C&amp;#248;C&amp;#249;C&amp;#250;C&amp;#251;C&amp;#252;C&amp;#253;C&amp;#254;C&amp;#255;C&amp;#256;C&amp;#257;C&amp;#258;C&amp;#259;C&amp;#260;C&amp;#261;C&amp;#262;C&amp;#263;C&amp;#264;C&amp;#265;C&amp;#266;C&amp;#267;C&amp;#268;C&amp;#269;C&amp;#270;C&amp;#271;C&amp;#272;C&amp;#273;C&amp;#274;C&amp;#275;C&amp;#276;C&amp;#277;C&amp;#278;C&amp;#279;C&amp;#280;C&amp;#281;C&amp;#282;C&amp;#283;C&amp;#284;C&amp;#285;C&amp;#286;C&amp;#287;C&amp;#288;C&amp;#289;C&amp;#290;C&amp;#291;C&amp;#292;C&amp;#293;C&amp;#294;C&amp;#295;C&amp;#296;C&amp;#297;C&amp;#298;C&amp;#299;C&amp;#300;C&amp;#301;C&amp;#302;C&amp;#303;C&amp;#304;C&amp;#305;C&amp;#306;C&amp;#307;C&amp;#308;C&amp;#309;C&amp;#310;C&amp;#311;C&amp;#312;C&amp;#313;C&amp;#314;C&amp;#315;C&amp;#316;C&amp;#317;C&amp;#318;C&amp;#319;C&amp;#320;C&amp;#321;C&amp;#322;C&amp;#323;C&amp;#324;C&amp;#325;C&amp;#326;C&amp;#327;C&amp;#328;C&amp;#329;C&amp;#330;C&amp;#331;C&amp;#332;C&amp;#333;C&amp;#334;C&amp;#335;C&amp;#336;C&amp;#337;C&amp;#338;C&amp;#339;C&amp;#340;C&amp;#341;C&amp;#342;C&amp;#343;C&amp;#344;C&amp;#345;C&amp;#346;C&amp;#347;C&amp;#348;C&amp;#349;C&amp;#350;C&amp;#351;C&amp;#352;C&amp;#353;C&amp;#354;C&amp;#355;C&amp;#356;C&amp;#357;C&amp;#358;C&amp;#359;C&amp;#360;C&amp;#361;C&amp;#362;C&amp;#363;C&amp;#364;C&amp;#365;C&amp;#366;C&amp;#367;C&amp;#368;C&amp;#369;C&amp;#370;C&amp;#371;C&amp;#372;C&amp;#373;C&amp;#374;C&amp;#375;C&amp;#376;C&amp;#377;C&amp;#378;C&amp;#379;C&amp;#380;C&amp;#381;C&amp;#382;C&amp;#383;C&amp;#384;C&amp;#385;C&amp;#386;C&amp;#387;C&amp;#388;C&amp;#389;C&amp;#390;C&amp;#391;C&amp;#392;C&amp;#393;C&amp;#394;C&amp;#395;C&amp;#396;C&amp;#397;C&amp;#398;C&amp;#399;C&amp;#400;C&amp;#401;C&amp;#402;C&amp;#403;C&amp;#404;C&amp;#405;C&amp;#406;C&amp;#407;C&amp;#408;C&amp;#409;C&amp;#410;C&amp;#411;C&amp;#412;C&amp;#413;C&amp;#414;C&amp;#415;C&amp;#416;C&amp;#417;C&amp;#418;C&amp;#419;C&amp;#420;C&amp;#421;C&amp;#422;C&amp;#423;C&amp;#424;C&amp;#425;C&amp;#426;C&amp;#427;C&amp;#428;C&amp;#429;C&amp;#430;C&amp;#431;C&amp;#432;C&amp;#433;C&amp;#434;C&amp;#435;C&amp;#436;C&amp;#437;C&amp;#438;C&amp;#439;C&amp;#440;C&amp;#441;C&amp;#442;C&amp;#443;C&amp;#444;C&amp;#445;C&amp;#446;C&amp;#447;C&amp;#448;C&amp;#449;C&amp;#450;C&amp;#451;C&amp;#452;C&amp;#453;C&amp;#454;C&amp;#455;C&amp;#456;C&amp;#457;C&amp;#458;C&amp;#459;C&amp;#460;C&amp;#461;C&amp;#462;C&amp;#463;C&amp;#464;C&amp;#465;C&amp;#466;C&amp;#467;C&amp;#468;C&amp;#469;C&amp;#470;C&amp;#471;C&amp;#472;C&amp;#473;C&amp;#474;C&amp;#475;C&amp;#476;C&amp;#477;C&amp;#478;C&amp;#479;C&amp;#480;C&amp;#481;C&amp;#482;C&amp;#483;C&amp;#484;C&amp;#485;C&amp;#486;C&amp;#487;C&amp;#488;C&amp;#489;C&amp;#490;C&amp;#491;C&amp;#492;C&amp;#493;C&amp;#494;C&amp;#495;C&amp;#496;C&amp;#497;C&amp;#498;C&amp;#499;C&amp;#500;C&amp;#501;C&amp;#502;C&amp;#503;C&amp;#504;C&amp;#505;C&amp;#506;C&amp;#507;C&amp;#508;C&amp;#509;C&amp;#510;C&amp;#511;C&amp;#512;C&amp;#513;C&amp;#514;C&amp;#515;C&amp;#516;C&amp;#517;C&amp;#518;C&amp;#519;C&amp;#520;C&amp;#521;C&amp;#522;C&amp;#523;C&amp;#524;C&amp;#525;C&amp;#526;C&amp;#527;C&amp;#528;C&amp;#529;C&amp;#530;C&amp;#531;C&amp;#532;C&amp;#533;C&amp;#534;C&amp;#535;C&amp;#536;C&amp;#537;C&amp;#538;C&amp;#539;C&amp;#540;C&amp;#541;C&amp;#542;C&amp;#543;C&amp;#544;C&amp;#545;C&amp;#546;C&amp;#547;C&amp;#548;C&amp;#549;C&amp;#550;C&amp;#551;C&amp;#552;C&amp;#553;C&amp;#554;C&amp;#555;C&amp;#556;C&amp;#557;C&amp;#558;C&amp;#559;C&amp;#560;C&amp;#561;C&amp;#562;C&amp;#563;C&amp;#564;C&amp;#565;C&amp;#566;C&amp;#567;C&amp;#568;C&amp;#569;C&amp;#570;C&amp;#571;C&amp;#572;C&amp;#573;C&amp;#574;C&amp;#575;C&amp;#576;C&amp;#577;C&amp;#578;C&amp;#579;C&amp;#580;C&amp;#581;C&amp;#582;C&amp;#583;C&amp;#584;C&amp;#585;C&amp;#586;C&amp;#587;C&amp;#588;C&amp;#589;C&amp;#590;C&amp;#591;C&amp;#592;C&amp;#593;C&amp;#594;C&amp;#595;C&amp;#596;C&amp;#597;C&amp;#598;C&amp;#599;C&amp;#600;C&amp;#601;C&amp;#602;C&amp;#603;C&amp;#604;C&amp;#605;C&amp;#606;C&amp;#607;C&amp;#608;C&amp;#609;C&amp;#610;C&amp;#611;C&amp;#612;C&amp;#613;C&amp;#614;C&amp;#615;C&amp;#616;C&amp;#617;C&amp;#618;C&amp;#619;C&amp;#620;C&amp;#621;C&amp;#622;C&amp;#623;C&amp;#624;C&amp;#625;C&amp;#626;C&amp;#627;C&amp;#628;C&amp;#629;C&amp;#630;C&amp;#631;C&amp;#632;C&amp;#633;C&amp;#634;C&amp;#635;C&amp;#636;C&amp;#637;C&amp;#638;C&amp;#639;C&amp;#640;C&amp;#641;C&amp;#642;C&amp;#643;C&amp;#644;C&amp;#645;C&amp;#646;C&amp;#647;C&amp;#648;C&amp;#649;C&amp;#650;C&amp;#651;C&amp;#652;C&amp;#653;C&amp;#654;C&amp;#655;C&amp;#656;C&amp;#657;C&amp;#658;C&amp;#659;C&amp;#660;C&amp;#661;C&amp;#662;C&amp;#663;C&amp;#664;C&amp;#665;C&amp;#666;C&amp;#667;C&amp;#668;C&amp;#669;C&amp;#670;C&amp;#671;C&amp;#672;C&amp;#673;C&amp;#674;C&amp;#675;C&amp;#676;C&amp;#677;C&amp;#678;C&amp;#679;C&amp;#680;C&amp;#681;C&amp;#682;C&amp;#683;C&amp;#684;C&amp;#685;C&amp;#686;C&amp;#687;C&amp;#688;C&amp;#689;C&amp;#690;C&amp;#691;C&amp;#692;C&amp;#693;C&amp;#694;C&amp;#695;C&amp;#696;C&amp;#697;C&amp;#698;C&amp;#699;C&amp;#700;C&amp;#701;C&amp;#702;C&amp;#703;C&amp;#704;C&amp;#705;C&amp;#706;C&amp;#707;C&amp;#708;C&amp;#709;C&amp;#710;C&amp;#711;C&amp;#712;C&amp;#713;C&amp;#714;C&amp;#715;C&amp;#716;C&amp;#717;C&amp;#718;C&amp;#719;C&amp;#720;C&amp;#721;C&amp;#722;C&amp;#723;C&amp;#724;C&amp;#725;C&amp;#726;C&amp;#727;C&amp;#728;C&amp;#729;C&amp;#730;C&amp;#731;C&amp;#732;C&amp;#733;C&amp;#734;C&amp;#735;C&amp;#736;C&amp;#737;C&amp;#738;C&amp;#739;C&amp;#740;C&amp;#741;C&amp;#742;C&amp;#743;C&amp;#744;C&amp;#745;C&amp;#746;C&amp;#747;C&amp;#748;C&amp;#749;C&amp;#750;C&amp;#751;C&amp;#752;C&amp;#753;C&amp;#754;C&amp;#755;C&amp;#756;C&amp;#757;C&amp;#758;C&amp;#759;C&amp;#760;C&amp;#761;C&amp;#762;C&amp;#763;C&amp;#764;C&amp;#765;C&amp;#766;C&amp;#767;C&amp;#768;C&amp;#769;C&amp;#770;C&amp;#771;C&amp;#772;C&amp;#773;C&amp;#774;C&amp;#775;C&amp;#776;C&amp;#777;C&amp;#778;C&amp;#779;C&amp;#780;C&amp;#781;C&amp;#782;C&amp;#783;C&amp;#784;C&amp;#785;C&amp;#786;C&amp;#787;C&amp;#788;C&amp;#789;C&amp;#790;C&amp;#791;C&amp;#792;C&amp;#793;C&amp;#794;C&amp;#795;C&amp;#796;C&amp;#797;C&amp;#798;C&amp;#799;C&amp;#800;C&amp;#801;C&amp;#802;C&amp;#803;C&amp;#804;C&amp;#805;C&amp;#806;C&amp;#807;C&amp;#808;C&amp;#809;C&amp;#810;C&amp;#811;C&amp;#812;C&amp;#813;C&amp;#814;C&amp;#815;C&amp;#816;C&amp;#817;C&amp;#818;C&amp;#819;C&amp;#820;C&amp;#821;C&amp;#822;C&amp;#823;C&amp;#824;C&amp;#825;C&amp;#826;C&amp;#827;C&amp;#828;C&amp;#829;C&amp;#830;C&amp;#831;C&amp;#832;C&amp;#833;C&amp;#834;C&amp;#835;C&amp;#836;C&amp;#837;C&amp;#838;C&amp;#839;C&amp;#840;C&amp;#841;C&amp;#842;C&amp;#843;C&amp;#844;C&amp;#845;C&amp;#846;C&amp;#847;C&amp;#848;C&amp;#849;C&amp;#850;C&amp;#851;C&amp;#852;C&amp;#853;C&amp;#854;C&amp;#855;C&amp;#856;C&amp;#857;C&amp;#858;C&amp;#859;C&amp;#860;C&amp;#861;C&amp;#862;C&amp;#863;C&amp;#864;C&amp;#865;C&amp;#866;C&amp;#867;C&amp;#868;C&amp;#869;C&amp;#870;C&amp;#871;C&amp;#872;C&amp;#873;C&amp;#874;C&amp;#875;C&amp;#876;C&amp;#877;C&amp;#878;C&amp;#879;C&amp;#880;C&amp;#881;C&amp;#882;C&amp;#883;C&amp;#884;C&amp;#885;C&amp;#886;C&amp;#887;C&amp;#888;C&amp;#889;C&amp;#890;C&amp;#891;C&amp;#892;C&amp;#893;C&amp;#894;C&amp;#895;C&amp;#896;C&amp;#897;C&amp;#898;C&amp;#899;C&amp;#900;C&amp;#901;C&amp;#902;C&amp;#903;C&amp;#904;C&amp;#905;C&amp;#906;C&amp;#907;C&amp;#908;C&amp;#909;C&amp;#910;C&amp;#911;C&amp;#912;C&amp;#913;C&amp;#914;C&amp;#915;C&amp;#916;C&amp;#917;C&amp;#918;C&amp;#919;C&amp;#920;C&amp;#921;C&amp;#922;C&amp;#923;C&amp;#924;C&amp;#925;C&amp;#926;C&amp;#927;C&amp;#928;C&amp;#929;C&amp;#930;C&amp;#931;C&amp;#932;C&amp;#933;C&amp;#934;C&amp;#935;C&amp;#936;C&amp;#937;C&amp;#938;C&amp;#939;C&amp;#940;C&amp;#941;C&amp;#942;C&amp;#943;C&amp;#944;C&amp;#945;C&amp;#946;C&amp;#947;C&amp;#948;C&amp;#949;C&amp;#950;C&amp;#951;C&amp;#952;C&amp;#953;C&amp;#954;C&amp;#955;C&amp;#956;C&amp;#957;C&amp;#958;C&amp;#959;C&amp;#960;C&amp;#961;C&amp;#962;C&amp;#963;C&amp;#964;C&amp;#965;C&amp;#966;C&amp;#967;C&amp;#968;C&amp;#969;C&amp;#970;C&amp;#971;C&amp;#972;C&amp;#973;C&amp;#974;C&amp;#975;C&amp;#976;C&amp;#977;C&amp;#978;C&amp;#979;C&amp;#980;C&amp;#981;C&amp;#982;C&amp;#983;C&amp;#984;C&amp;#985;C&amp;#986;C&amp;#987;C&amp;#988;C&amp;#989;C&amp;#990;C&amp;#991;C&amp;#992;C&amp;#993;C&amp;#994;C&amp;#995;C&amp;#996;C&amp;#997;C&amp;#998;C&amp;#999;C&amp;#1000</a> | 26      | 21          | 0.808               | 49        | 38          | 0.776               | 3487     | 1306        | 0.375               |

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|---|---------|--------|--------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 6895    | 10486  | 245624 | <a href="#">Eniva Miladi Fernandes Stumm</a> |  Brazil   | <a href="#">Universidade Regional do Noroeste do Estado do Rio Grande do Sul UNIJUÁ</a> | <a href="#">RegionalNoroesteRioGrandeSulUNIJUI</a><br>Enfermagem   Nefrologia   Estresse   Qualidade de Vida  | 26      | 18          | 0.692               | 69        | 44          | 0.638               | 3455     | 1521        | 0.440               |
| 1800  | 6896    | 10489  | 245652 | <a href="#">Silvia Moreira Ayub Ferreira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">CoraÁçãfo</a>   | 26      | 21          | 0.808               | 48        | 38          | 0.792               | 3446     | 1945        | 0.564               |
| 289   | 6897    | 10490  | 245660 | <a href="#">Raquel Prates</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Human-Computer Interaction   Collaborative systems   social networks   accessibility   educational systems | 26      | 14          | 0.538               | 75        | 25          | 0.333               | 3443     | 1108        | 0.322               |
| 1801  | 6898    | 10491  | 245677 | <a href="#">Marcelo Giordan</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Education / Education</a><br>educação em ciências   tecnologias educativas   psicologia do desenvolvimento  | 26      | 16          | 0.615               | 52        | 26          | 0.500               | 3439     | 1418        | 0.412               |
| 1802  | 6899    | 10494  | 245800 | <a href="#">João Antonio Martino</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanoeletrônica   Microeletrônica   Biossensores   Projeto e Fabricação de C.I.               | 26      | 14          | 0.538               | 84        | 26          | 0.310               | 3399     | 1199        | 0.353               |
| 276   | 6900    | 10495  | 245803 | <a href="#">Marcelo Borges Mansur</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                                  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>hydrometallurgy   solvent extraction   treatment of industrial wastes and effluents                  | 26      | 20          | 0.769               | 46        | 41          | 0.891               | 3399     | 1670        | 0.491               |
| 16  | 6901    | 10496  | 245818 | <a href="#">Edivan Souza</a>                 |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física do Solo   Trocas gasosas   salinidade   relações hídricas   potencial osmótico   | 26      | 17          | 0.654               | 58        | 35          | 0.603               | 3394     | 1890        | 0.557               |
| 27  | 6902    | 10498  | 245871 | <a href="#">SERGIO CIMERMAN</a>              |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>                                      | <a href="#">Médico do Corpo Clinico do Hospital Albert Einstein. Médico Infectologista no Instituto ...</a><br>infectologia   parasitoses intestinais   aids                  | 26      | 19          | 0.731               | 50        | 27          | 0.540               | 3378     | 1978        | 0.586               |
| 1803  | 6903    | 10501  | 245918 | <a href="#">Jo Ueyama</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Internet of Things (IoT)   Ad Hoc Networks   Mobile Health   Environmental Informatics                     | 26      | 21          | 0.808               | 70        | 46          | 0.657               | 3368     | 2002        | 0.594               |
| 68  | 6904    | 10504  | 246072 | <a href="#">Adriano Li Oliveira</a>          |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                                      | <a href="#">InformáticaUFPE</a>   | 26      | 19          | 0.731               | 71        | 37          | 0.521               | 3328     | 1901        | 0.571               |
| 290   | 6905    | 10505  | 246088 | <a href="#">Marcos Am Vieira</a>             |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Redes   Robótica   | 26      | 17          | 0.654               | 46        | 35          | 0.761               | 3325     | 1653        | 0.497               |
| 277   | 6906    | 10506  | 246147 | <a href="#">Rafael Silva Duarte</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                                  | <a href="#">RioJaneiro</a><br>Microbiology   Immunology   | 26      | 18          | 0.692               | 56        | 30          | 0.536               | 3305     | 1269        | 0.384               |

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|---|---------|--------|--------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name                                      | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 6907    | 10507  | 246183 | <a href="#">Claudio Kirner</a>            |  Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>realidade virtual   realidade aumentada   educação aberta  | 26      | 16          | 0.615               | 59        | 22          | 0.373               | 3296     | 1062        | 0.322               |
| 69  | 6908    | 10508  | 246187 | <a href="#">Helen Jamil Khoury Asfora</a> |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>            | <a href="#">UniversidPernambuco</a>   | 26      | 15          | 0.577               | 76        | 26          | 0.342               | 3295     | 1064        | 0.323               |
| 1804  | 6909    | 10509  | 246188 | <a href="#">Marcos De Carvalho Borges</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">ClínicaMédicaMedicinaRibeirãoPreto&amp;#226</a><br>Asma   modelo experimental   urgências clínicas  | 26      | 20          | 0.769               | 47        | 36          | 0.766               | 3295     | 2617        | 0.794               |
| 2   | 6910    | 10512  | 246200 | <a href="#">José Renato Martins</a>       |  Brazil   | <a href="#">Universidade Metodista de Piracicaba</a>          | <a href="#">Professor de Direito Penal e Direito Constitucional. Universidade Metodista de Piracicaba ...</a><br>Direito Penal   Direito Constitucional e Direito Ambiental | 26      | 16          | 0.615               | 74        | 27          | 0.365               | 3292     | 1412        | 0.429               |
| 4   | 6911    | 10515  | 246258 | <a href="#">Eddie Lenza De Oliveira</a>   |  Brazil   | <a href="#">Universidade do Estado de Mato Grosso UNEMAT</a>  | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Ecology   Neotropical Savanna   Cerrado   Phytogeography   Fire   | 26      | 21          | 0.808               | 52        | 44          | 0.846               | 3279     | 1911        | 0.583               |
| 97  | 6912    | 10516  | 246285 | <a href="#">José Humberto De Queiroz</a>  |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Fermentações   Biorrefinaria   Enzimas   mango   nematophagous fungi  | 26      | 19          | 0.731               | 64        | 44          | 0.688               | 3269     | 1671        | 0.511               |
| 3   | 6913    | 10518  | 246316 | <a href="#">Elaine Vieira</a>             |  Brazil   | <a href="#">Universidade Católica de Brasília</a>             | <a href="#">Education / Education</a><br>Educação Física   Cronobiologia   Obesidade   Diabetes   | 26      | 20          | 0.769               | 39        | 32          | 0.821               | 3264     | 1423        | 0.436               |
| 98  | 6914    | 10520  | 246392 | <a href="#">José Ivo Ribeiro Júnior</a>   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>            | <a href="#">Natural Sciences / Statistics</a><br>Estatística experimental   controle estatístico de qualidade e estatística multivariada                                    | 26      | 15          | 0.577               | 47        | 22          | 0.468               | 3249     | 777         | 0.239               |
| 130   | 6915    | 10521  | 246410 | <a href="#">Wivian Weller</a>             |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                  | <a href="#">Education / Education</a><br>Sociology of Youth   Sociology of Education   Qualitative Research Methods   Documentary Method                                    | 26      | 20          | 0.769               | 41        | 28          | 0.683               | 3245     | 1475        | 0.455               |
| 1805  | 6916    | 10524  | 246467 | <a href="#">Aluisio C Segurado</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">MoléstiasInfecciosasParasitáriasMedic&amp;#226</a>  | 26      | 16          | 0.615               | 53        | 31          | 0.585               | 3228     | 1418        | 0.439               |
| 10  | 6917    | 10525  | 246473 | <a href="#">Rogério Martins Mauricio</a>  |  Brazil | <a href="#">Universidade Federal de São João del Rei UFSJ</a> | <a href="#">SaoJoaoRei</a><br>sistemas silvipastoris   nutricao animal   avaliacao de forrageiras   | 26      | 19          | 0.731               | 59        | 31          | 0.525               | 3225     | 1337        | 0.415               |
| 148   | 6918    | 10528  | 246636 | <a href="#">Renato Fontaneli</a>          |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Zootecnia   Fitotecnia  | 26      | 16          | 0.615               | 73        | 23          | 0.315               | 3190     | 1129        | 0.354               |
| 1806  | 6919    | 10529  | 246651 | <a href="#">Silvio Salinas</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Physics</a><br>physics   | 26      | 11          | 0.423               | 58        | 12          | 0.207               | 3188     | 712         | 0.223               |
| 1807  | 6920    | 10530  | 246680 | <a href="#">RS Freitas</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Physics</a><br>condensed matter physics   magnetic materials   | 26      | 18          | 0.692               | 40        | 23          | 0.575               | 3183     | 1118        | 0.351               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1808  | 6921    | 10531  | 246689 | <a href="#">Marcel Jackowski</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computational Medicine   Medical Imaging   Computer Graphics   Computer Vision   Image Processing     | 26      | 19          | 0.731               | 36        | 21          | 0.583               | 3181     | 1057        | 0.332               |
| 10  | 6922    | 10532  | 246690 | <a href="#">Paulo Roberto Ramalho Silva</a>      |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                   | <a href="#">Professor da Universidade Federal do Piauí</a><br>Entomologia  | 26      | 19          | 0.731               | 69        | 32          | 0.464               | 3180     | 1507        | 0.474               |
| 271   | 6923    | 10535  | 246738 | <a href="#">Joao Comba</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Visualization   Visual Analytics   Data Science   Geometric Algorithms   Computer Graphics            | 26      | 16          | 0.615               | 61        | 23          | 0.377               | 3172     | 835         | 0.263               |
| 70  | 6924    | 10536  | 246759 | <a href="#">Ana Cristina Fernandes</a>           |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Natural Sciences / Geography</a><br>geografia   inovação   | 26      | 16          | 0.615               | 62        | 28          | 0.452               | 3168     | 958         | 0.302               |
| 1809  | 6925    | 10537  | 246782 | <a href="#">Fernanda Dreux Miranda Fernandes</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Linguistics and Literature</a>   | 26      | 15          | 0.577               | 78        | 29          | 0.372               | 3163     | 1006        | 0.318               |
| 12  | 6926    | 10538  | 246792 | <a href="#">João Batista Bottentuit Junior</a>   |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                | <a href="#">MaranhãofUFMA</a><br>Tecnologia Educativa   Informática na Educação   Educação a Distância   | 26      | 14          | 0.538               | 80        | 28          | 0.350               | 3161     | 1126        | 0.356               |
| 4   | 6927    | 10540  | 246834 | <a href="#">Gil Rodrigues dos Santos</a>         |  Brazil   | <a href="#">Universidade Federal do Norte do Tocantins</a>      | <a href="#">Professor Associado, doutor em Fitopatologia da Universidade Federal do Tocantins</a><br>Fitopatologia   Fitossanidade   Produção Vegetal   Sustentabilidade | 26      | 21          | 0.808               | 104       | 55          | 0.529               | 3151     | 1836        | 0.583               |
| 496   | 6928    | 10542  | 246858 | <a href="#">André Tosi Furtado</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Social Sciences / Political Science</a><br>economia da inovação   economia da energia  | 26      | 14          | 0.538               | 77        | 22          | 0.286               | 3146     | 977         | 0.311               |
| 291   | 6929    | 10545  | 246901 | <a href="#">Adriano Marçal Pimenta</a>           |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">UniversidMinasGerais</a><br>Enfermagem   | 26      | 20          | 0.769               | 54        | 43          | 0.796               | 3137     | 2060        | 0.657               |
| 292   | 6930    | 10546  | 246926 | <a href="#">Fernando A Silveira</a>              |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Biological Science</a><br>Bee systematics   conservation and ecology  | 26      | 14          | 0.538               | 38        | 18          | 0.474               | 3133     | 818         | 0.261               |
| 5   | 6931    | 10547  | 246952 | <a href="#">Marcelo Alves Ramos</a>              |  Brazil | <a href="#">Universidade de Pernambuco</a>                      | <a href="#">Pernambuco</a>   | 26      | 20          | 0.769               | 51        | 40          | 0.784               | 3128     | 1709        | 0.546               |
| 497   | 6932    | 10548  | 246963 | <a href="#">Mario A Bernal</a>                   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Physics</a><br>computational radiobiology   Monte Carlo simulations   nanodosimetry   | 26      | 21          | 0.808               | 41        | 35          | 0.854               | 3126     | 2133        | 0.682               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 24  | 6933    | 10551  | 247046 | <a href="#">Eunice Fragoso Da Silva Vieira</a>    |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Inorgânica   | 26      | 14          | 0.538               | 46        | 21          | 0.457               | 3109     | 751         | 0.242               |
| 6   | 6934    | 10552  | 247050 | <a href="#">Marcelo Ferreira De Vasconcelos</a>   |  Brazil   | <a href="#">Pontificia Universidade Católica do Minas Gerais</a>                 | <a href="#">BirdsNaturaisPontificiMinas&amp;#226</a> !<br>Ornitologia  | 26      | 16          | 0.615               | 77        | 31          | 0.403               | 3108     | 1515        | 0.487               |
| 116   | 6935    | 10553  | 247096 | <a href="#">Demercil De Souza Oliveira Junior</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Engenharia Eletrica   Elettronica de Potencia   Fontes Alternativas de Energia | 26      | 15          | 0.577               | 47        | 19          | 0.404               | 3100     | 1305        | 0.421               |
| 1810  | 6936    | 10556  | 247136 | <a href="#">Gilberto Candido Laurentino</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">EnvelhecimentoS&amp;#226</a> foJudas&#226!<br>Restrição de fluxo sanguíneo e exercício   blood flow restriction and exercise                                 | 26      | 25          | 0.962               | 37        | 32          | 0.865               | 3091     | 2356        | 0.762               |
| 1   | 6937    | 10557  | 247139 | <a href="#">Gaspar Chiappa</a>                    |  Brazil   | <a href="#">UNICEPLAC</a>  | <a href="#">UniEvangélica</a><br>Fisiopatologia Clínica do Exercício   | 26      | 19          | 0.731               | 43        | 30          | 0.698               | 3089     | 1255        | 0.406               |
| 45  | 6938    | 10559  | 247207 | <a href="#">Marco Antonio Meggiolaro</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>       | Robotics   Control Engineering   Computational Mechanics   Fatigue and Fracture Mechanics  | 26      | 18          | 0.692               | 66        | 41          | 0.621               | 3077     | 1294        | 0.421               |
| 498   | 6939    | 10560  | 247230 | <a href="#">Leila Da Costa Ferreira</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Social Sciences / Sociology</a><br>sociologia   mudanças climáticas   meio ambiente   interdisciplinaridade  | 26      | 16          | 0.615               | 80        | 34          | 0.425               | 3073     | 980         | 0.319               |
| 148   | 6940    | 10561  | 247246 | <a href="#">Alexandre Fernandez Vaz</a>           |  Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                      | <a href="#">(UFSC)</a><br>Teorias da Educação   Teoria Social Contemporânea   Sociologia da Cultura  | 26      | 15          | 0.577               | 74        | 37          | 0.500               | 3071     | 1144        | 0.373               |
| 3   | 6941    | 10562  | 247254 | <a href="#">Marlene Neves Strey</a>               |  Brazil | <a href="#">Universidade FEEVALE</a>   | <a href="#">Social Sciences / Psychology</a><br>Psicologia Social   Estudos de gênero e Feminismos   | 26      | 17          | 0.654               | 61        | 27          | 0.443               | 3070     | 1149        | 0.374               |
| 1   | 6942    | 10563  | 247265 | <a href="#">Carlos Alberto Longui</a>             |  Brazil | <a href="#">Faculdade de Ciências Médicas da Santa Casa de São Paulo FCMSCSP</a> | <a href="#">Medical and Health Sciences / Pediatric Endocrinology and Metabolism</a><br>endocrinologia pediátrica   endocrinologia   biologia molecular                  | 26      | 14          | 0.538               | 75        | 24          | 0.320               | 3068     | 1067        | 0.348               |
| 293   | 6943    | 10564  | 247277 | <a href="#">Geber S</a>                           |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>reprodução humana   | 26      | 17          | 0.654               | 46        | 31          | 0.674               | 3066     | 1591        | 0.519               |

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| 442   | 6944    | 10566  | 247297 | <a href="#">Chang Hung Kiang</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">UNESP</a>   | 26      | 19          | 0.731               | 74        | 49          | 0.662               | 3062     | 1654        | 0.540               |
| 46  | 6945    | 10569  | 247311 | <a href="#">Juliano Assunção</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Economics &amp; Econometrics / Economics</a><br>Development Economics   | 26      | 18          | 0.692               | 39        | 27          | 0.692               | 3060     | 1559        | 0.509               |
| 294   | 6946    | 10570  | 247315 | <a href="#">Cassio M Turra</a>                      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Social Sciences / Demography</a><br>demography   mortality   longevity   economic demography   population aging   | 26      | 19          | 0.731               | 51        | 32          | 0.627               | 3059     | 1606        | 0.525               |
| 443   | 6947    | 10571  | 247372 | <a href="#">Yuri Tani Utsunomiya</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genomics   Animal Breeding   Veterinary Medicine   Animal Science   Animal Genetics  | 26      | 24          | 0.923               | 47        | 46          | 0.979               | 3046     | 1789        | 0.587               |
| 1811  | 6948    | 10572  | 247385 | <a href="#">Daniela Saes Sartorelli</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia nutricional   avaliação do consumo alimentar de gestantes   dieta e diabetes   intervenção nutricional                  | 26      | 18          | 0.692               | 51        | 34          | 0.667               | 3044     | 1289        | 0.423               |
| 71  | 6949    | 10573  | 247408 | <a href="#">Francisco De Assis Dos Santos Neves</a> |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Eletrônica de potência   Aacionamento elétrico   Qualidade da energia elétrica   Energia eólica   Energia solar             | 26      | 17          | 0.654               | 57        | 27          | 0.474               | 3040     | 1130        | 0.372               |
| 149   | 6950    | 10574  | 247412 | <a href="#">Osvaldo MR Cabral</a>                   |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Embrapa</a><br>Soil Plant Atmosphere  | 26      | 16          | 0.615               | 39        | 26          | 0.667               | 3040     | 839         | 0.276               |
| 1812  | 6951    | 10575  | 247451 | <a href="#">Bruno Spinosa De Martinis</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Forense   Métodos de Separação   Análise toxicológica   Métodos Cromatográficos   | 26      | 18          | 0.692               | 51        | 42          | 0.824               | 3032     | 1631        | 0.538               |
| 150   | 6952    | 10577  | 247511 | <a href="#">João Dos Santos Vila Da Silva</a>       |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geotecnologias   Zoneamento e Planejamento Ambiental   | 26      | 15          | 0.577               | 51        | 26          | 0.510               | 3020     | 1128        | 0.374               |
| 1813  | 6953    | 10579  | 247557 | <a href="#">Neuza Hassimotto</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food science   | 26      | 21          | 0.808               | 38        | 36          | 0.947               | 3013     | 1517        | 0.503               |
| 22  | 6954    | 10581  | 247586 | <a href="#">Benemar Alencar De Souza</a>            |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>                     | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Sistemas elétricos de potência   inteligência artificial   métodos de otimização aplicados   proteção digital   transitório | 26      | 16          | 0.615               | 54        | 24          | 0.444               | 3007     | 1271        | 0.423               |

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| 1814  | 6955    | 10586  | 247770 | <a href="#">Maria Aparecida Baccega</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">PPGCOMESPM</a><br>Comunicação   Consumo   Educação   Discurso   telenovela  | 26      | 13          | 0.500               | 62        | 21          | 0.339               | 2975     | 809         | 0.272               |
| 499   | 6956    | 10587  | 247779 | <a href="#">Ricardo L Zollner</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">InternalMedicalsâ€¦</a><br>Autoimmunity   Allergy   Molecular Immunology  | 26      | 19          | 0.731               | 54        | 34          | 0.630               | 2973     | 1394        | 0.469               |
| 172   | 6957    | 10588  | 247803 | <a href="#">Dumith Chequer Bou-Habib</a>      |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Pesquisador, Instituto Oswaldo Cruz/Fiocruz</a><br>Imunopatogênese da Infecção pelo HIV-1   | 26      | 17          | 0.654               | 46        | 28          | 0.609               | 2969     | 1082        | 0.364               |
| 1   | 6958    | 10590  | 247821 | <a href="#">Rafael Sarkis Onofre</a>          |  Brazil   | <a href="#">Faculdade Meridional</a>                                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Knowledge synthesis   Meta-research   Journalology   Clinical trials   | 26      | 24          | 0.923               | 42        | 40          | 0.952               | 2967     | 2440        | 0.822               |
| 71  | 6959    | 10591  | 247838 | <a href="#">Oscar Shibatta</a>                |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | Peixes   Sistemática   Região Neotropical   Biogeografia  | 26      | 16          | 0.615               | 73        | 37          | 0.507               | 2964     | 1072        | 0.362               |
| 13  | 6960    | 10592  | 247849 | <a href="#">Evandro Costa</a>                 |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>                            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Machine Learning   Intelligent Agents   Recommender Systems   Data Mining. | 26      | 17          | 0.654               | 66        | 31          | 0.470               | 2961     | 1432        | 0.484               |
| 47  | 6961    | 10594  | 247895 | <a href="#">Marcio Thome</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Business &amp; Management / Strategic Management</a><br>Management Science   Production & Operations Management   | 26      | 23          | 0.885               | 35        | 31          | 0.886               | 2955     | 2400        | 0.812               |
| 9   | 6962    | 10595  | 247897 | <a href="#">João Roberto Ferreira</a>         |  Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia Mecânica   Processos de Fabricação   Usinagem                                       | 26      | 21          | 0.808               | 49        | 33          | 0.673               | 2954     | 1427        | 0.483               |
| 278   | 6963    | 10598  | 247926 | <a href="#">Renata Cristina Picao</a>         |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">antimicrobial resistance</a><br>antimicrobial resistance  | 26      | 19          | 0.731               | 37        | 31          | 0.838               | 2948     | 1293        | 0.439               |
| 5   | 6964    | 10599  | 247930 | <a href="#">Christina Wyss Castelo Branco</a> |  Brazil | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a>    | <a href="#">RioJaneiro</a><br>Limnology   Plankton Ecology   Tropical Reservoir   food web  | 26      | 17          | 0.654               | 52        | 32          | 0.615               | 2946     | 1172        | 0.398               |
| 1815  | 6965    | 10602  | 247976 | <a href="#">Roberto Sbragia</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Business &amp; Management / Business Administration</a><br>Politica Tecnológica   Gestao da Inovacao e Gerenciamento de Projetos                            | 26      | 16          | 0.615               | 68        | 25          | 0.368               | 2937     | 955         | 0.325               |
| 272   | 6966    | 10603  | 247982 | <a href="#">Claudio Geyer</a>                 |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Distributed Systems   Big Data   Ubicomp   | 26      | 13          | 0.500               | 84        | 16          | 0.190               | 2936     | 542         | 0.185               |
| 40  | 6967    | 10604  | 247997 | <a href="#">Adriana Fernandes Da Silva</a>    |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry  | 26      | 22          | 0.846               | 60        | 45          | 0.750               | 2934     | 2245        | 0.765               |

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|---|---------|--------|--------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 6968    | 10605  | 248000 | <a href="#">Salvador Barros Torres</a>         |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFRSA</a>         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Seed Technology   Abiotic Stresses   Forest Seeds   Sementes Florestais   Estresses Abióticos             | 26      | 16          | 0.615               | 101       | 43          | 0.426               | 2933     | 1341        | 0.457               |
| 55  | 6969    | 10606  | 248003 | <a href="#">Rui Oliveira Macedo</a>            |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">UniversidParaiba</a><br>Tecnologia e Controle de Qualidade Farmacêutica   | 26      | 16          | 0.615               | 70        | 32          | 0.457               | 2933     | 1046        | 0.357               |
| 500   | 6970    | 10607  | 248007 | <a href="#">Roberto Andreani</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Mathematics</a><br>continuous optimization   | 26      | 18          | 0.692               | 45        | 27          | 0.600               | 2933     | 1426        | 0.486               |
| 279   | 6971    | 10610  | 248034 | <a href="#">William Berger</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Posttraumatic Stress Disorder   PTSD   Psychopharmacology   Psychiatry                                    | 26      | 20          | 0.769               | 28        | 23          | 0.821               | 2928     | 1578        | 0.539               |
| 63  | 6972    | 10612  | 248072 | <a href="#">José Gondra</a>                    |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Universida</a><br>História da Educação   Educação   História  | 26      | 15          | 0.577               | 53        | 22          | 0.415               | 2921     | 950         | 0.325               |
| 1816  | 6973    | 10613  | 248082 | <a href="#">Ilana Wainer</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Physical Oceanography   Southern Oceans   Climate Change                            | 26      | 17          | 0.654               | 59        | 31          | 0.525               | 2919     | 1134        | 0.388               |
| 117   | 6974    | 10615  | 248095 | <a href="#">Almir Bittencourt Da Silva</a>     |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Requirements engineering   software safety   human factors in safety   critical infrastructures           | 26      | 15          | 0.577               | 83        | 27          | 0.325               | 2917     | 957         | 0.328               |
| 444   | 6975    | 10617  | 248170 | <a href="#">Silvia Cristina Mangini Bocchi</a> |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Enfermagem   idoso   saúde do idoso   processo saúde-doença   pesquisa qualitativa  | 26      | 17          | 0.654               | 44        | 26          | 0.591               | 2906     | 941         | 0.324               |
| 295   | 6976    | 10620  | 248216 | <a href="#">Alessandra Giani</a>               |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquatic Ecology   Plankton   Cyanobacteria   Cyanotoxins  | 26      | 19          | 0.731               | 56        | 34          | 0.607               | 2897     | 1141        | 0.394               |
| 280   | 6977    | 10621  | 248224 | <a href="#">Amit Bhaya</a>                     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">PEE/COPPE/UFRJ</a><br>matrix stability theory   stability of neural networks   mathematical ecology   parallel computation (asynchronous iterative method | 26      | 10          | 0.385               | 53        | 12          | 0.226               | 2896     | 547         | 0.189               |
| 7   | 6978    | 10624  | 248292 | <a href="#">Mirco Solé</a>                     |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity   Herpetology   Climate change   Bioacoustics   | 26      | 20          | 0.769               | 71        | 50          | 0.704               | 2885     | 1718        | 0.595               |
| 296   | 6979    | 10626  | 248308 | <a href="#">Cristina Guatimosim</a>            |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociencias   | 26      | 17          | 0.654               | 49        | 30          | 0.612               | 2883     | 957         | 0.332               |

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|---|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 170   | 6980    | 10627  | 248318 | <a href="#">Kil Sun Lee</a>                   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">UNIFESP</a><br>Neurodegeneration and protein aggregation   | 26      | 17          | 0.654               | 31        | 26          | 0.839               | 2882     | 1000        | 0.347               |
| 15  | 6981    | 10628  | 248356 | <a href="#">Christian Luiz Da Silva</a>       |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>           | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   Políticas Públicas   Desenvolvimento   Planejamento urbano  | 26      | 18          | 0.692               | 77        | 38          | 0.494               | 2876     | 1349        | 0.469               |
| 131   | 6982    | 10629  | 248384 | <a href="#">Kleber Carlos Mundim</a>          |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico Química   Física Atômica e Molecular  | 26      | 14          | 0.538               | 59        | 18          | 0.305               | 2871     | 712         | 0.248               |
| 501   | 6983    | 10630  | 248401 | <a href="#">Cassio Luis Zanettini Ricetto</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">UrologiCampinas&amp;#226</a> !<br>Incontinência urinária   disfunções miccionais   disfunções assoalho pélvico   bexiga hiperativa   | 26      | 18          | 0.692               | 73        | 34          | 0.466               | 2869     | 1215        | 0.423               |
| 1817  | 6984    | 10631  | 248406 | <a href="#">Edson Luiz Riccio</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidS&amp;#226o Paulo</a><br>Sistemas de Informação   Gestão Internacional  | 26      | 14          | 0.538               | 56        | 23          | 0.411               | 2868     | 878         | 0.306               |
| 502   | 6985    | 10632  | 248408 | <a href="#">Jose Dari Krein</a>               |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">UNICAMP</a><br>trabalho  | 26      | 20          | 0.769               | 65        | 31          | 0.477               | 2867     | 1551        | 0.541               |
| 26  | 6986    | 10633  | 248428 | <a href="#">Gabriel Sperandio Milan</a>       |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>             | <a href="#">Business &amp; Management / Marketing</a><br>Estratégias de Marketing   Estratégia e Operações em Serviços   Gestão de Produto   Marketing de Relacionamento e Comportamen   | 26      | 17          | 0.654               | 76        | 41          | 0.539               | 2862     | 1646        | 0.575               |
| 56  | 6987    | 10634  | 248429 | <a href="#">Ricardo Dias De Castro</a>        |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                       | <a href="#">ClínicEOdontologiSocialPos&amp;#226</a> !<br>Fitoterapia Aplicada à Odontologia   Farmacologia de Produtos Naturais   Epidemiologia dos agravos da aparelho estomatognático. | 26      | 19          | 0.731               | 70        | 51          | 0.729               | 2862     | 2072        | 0.724               |
| 13  | 6988    | 10635  | 248443 | <a href="#">Pery Francisco Assis Shikida</a>  |  Brazil | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   | 26      | 15          | 0.577               | 73        | 28          | 0.384               | 2860     | 949         | 0.332               |
| 1818  | 6989    | 10636  | 248445 | <a href="#">Ismael Mancilha</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Pesquisador - Tecnologia das Fermenta&amp;#227o</a> es - USP<br>Microbiologia Aplicada   Tecnologia de Alimentos   | 26      | 11          | 0.423               | 33        | 13          | 0.394               | 2860     | 759         | 0.265               |
| 57  | 6990    | 10639  | 248519 | <a href="#">Milton César Costa Campos</a>     |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                       | <a href="#">(CCAUFPB)</a><br>Solos   Pedologia   Solo-paisagem   Mineralogia   Taxonomia de Solo   | 26      | 19          | 0.731               | 95        | 59          | 0.621               | 2848     | 1637        | 0.575               |
| 48  | 6991    | 10641  | 248541 | <a href="#">Thomas Lewiner</a>                |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Mathematics</a><br>Geometric Modeling   Computer Graphics   Combinatorial Topology  | 26      | 13          | 0.500               | 42        | 21          | 0.500               | 2845     | 739         | 0.260               |

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|---|---------|--------|--------|--|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 106   | 6992    | 10642  | 248552 | <a href="#">Fabio Meurer</a>                   | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Nutrição e alimentação de peixes                                | 26      | 17          | 0.654               | 64        | 32          | 0.500               | 2843     | 960         | 0.338               |
| 3   | 6993    | 10644  | 248570 | <a href="#">Juliana Batista Da Silva</a>       | <br>Brazil   | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a>        | <a href="#">Pesquisadora, Centro de Desenvolvimento da Tecnologia Nuclear CDTN/CNEN</a><br>Radiofármacos                      | 26      | 16          | 0.615               | 74        | 34          | 0.459               | 2840     | 1315        | 0.463               |
| 445   | 6994    | 10645  | 248576 | <a href="#">Paulo Ceresini</a>                 | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Evolution and emergence of plant pathogens in the agroecosystem | 26      | 17          | 0.654               | 51        | 33          | 0.647               | 2840     | 1656        | 0.583               |
| 1819  | 6995    | 10646  | 248583 | <a href="#">Clarisse Martins Machado</a>       | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Virology</a><br>transplantation   virology  | 26      | 17          | 0.654               | 59        | 30          | 0.508               | 2839     | 960         | 0.338               |
| 10  | 6996    | 10648  | 248626 | <a href="#">Laser Antônio Machado Oliveira</a> | <br>Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Biomateriais   Matriz Extracelular                                   | 26      | 17          | 0.654               | 67        | 33          | 0.493               | 2834     | 1345        | 0.475               |
| 12  | 6997    | 10650  | 248654 | <a href="#">Cristiano Steffens</a>             | <br>Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>         | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia e Tecnologia Pós-Colheita                              | 26      | 17          | 0.654               | 80        | 28          | 0.350               | 2830     | 1185        | 0.419               |
| 503   | 6998    | 10651  | 248655 | <a href="#">Lucila Chebel Labaki</a>           | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | conforto térmico eficiência energética em edifícios   microclimas urbanos   conforto em espaços externos                      | 26      | 17          | 0.654               | 52        | 23          | 0.442               | 2830     | 1419        | 0.501               |
| 15  | 6999    | 10652  | 248691 | <a href="#">Emerson Antonio Maccari</a>        | <br>Brazil  | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">NoveJulho</a><br>Pós-Graduação   Avaliação da Pós Graduação   Estratégia   Ensino Superior   Capes                | 26      | 17          | 0.654               | 68        | 45          | 0.662               | 2824     | 1398        | 0.495               |
| 149   | 7000    | 10654  | 248738 | <a href="#">Jose Alonso Borba</a>              | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">UFSC</a><br>CONTABILIDADE   ACCOUNTING  | 26      | 18          | 0.692               | 75        | 43          | 0.573               | 2816     | 1321        | 0.469               |



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|---|---------|--------|--------|---|---|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 51  | 7001    | 10656  | 248762 | <a href="#">Renato Paiva</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">biotecnologia cultura tecidos criopreservaçã</a><br>Biotecnologia vegetal   cultura de tecidos de plantas   criopreservação  | 26      | 12          | 0.462               | 88        | 28          | 0.318               | 2812     | 1046        | 0.372               |
| 16  | 7002    | 10658  | 248780 | <a href="#">Antonio Carlos De Francisco Antonio Carlos Francisco, Antonio C Francisco, Francisco, A. C.</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Tecnológica</a><br>Sustainability   LCA   Circular Economy   Circular Bioeconomy   Quality of Work Life  | 26      | 25          | 0.962               | 70        | 41          | 0.586               | 2810     | 2082        | 0.741               |
| 446   | 7003    | 10659  | 248793 | <a href="#">Mariângela Spotti Lopes Fujita</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">CNPq nível 1</a><br>Indexação   Leitura documentária   Organização da informação   Linguagens documentárias   tesouros   | 26      | 15          | 0.577               | 74        | 27          | 0.365               | 2808     | 1002        | 0.357               |
| 171   | 7004    | 10660  | 248796 | <a href="#">Anita Drumond</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Climatology   Moisture transport   numerical models  | 26      | 23          | 0.885               | 47        | 42          | 0.894               | 2808     | 1913        | 0.681               |
| 504   | 7005    | 10661  | 248804 | <a href="#">Doris Kowaltowski</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Arts, Design and Architecture / Design</a><br>Architectural design process   School buildings   Social housing   | 26      | 15          | 0.577               | 53        | 22          | 0.415               | 2806     | 1241        | 0.442               |
| 151   | 7006    | 10662  | 248818 | <a href="#">Jonny Everson Scherwinski-Pereira</a>   | <br><a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Recursos Genéticos e Biotecnologia</a><br>Somatic embryogenesis   bioreactors   temporary immersion systems   oil palm   cryopreservation                              | 26      | 18          | 0.692               | 85        | 44          | 0.518               | 2804     | 1618        | 0.577               |
| 447   | 7007    | 10663  | 248839 | <a href="#">Rouverson Pereira Da Silva</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultura Digital   Mecanização Agrícola   Digital Agriculture   Agricultural Mechanization   Mechanized Harvesting          | 26      | 18          | 0.692               | 89        | 50          | 0.562               | 2801     | 1447        | 0.517               |
| 1820  | 7008    | 10664  | 248844 | <a href="#">Teresinha Schumaker</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Parasitology</a><br>Artrópodes de interesse médico e veterinário   resistência a praguicidas   diagnóstico de doenças transmitadas por carrapato | 26      | 15          | 0.577               | 43        | 20          | 0.465               | 2801     | 890         | 0.318               |
| 17  | 7009    | 10666  | 248883 | <a href="#">Joao Antonio Lorenzetti</a>   | <br><a href="#">Brazil</a> | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Sensoriamento Remoto   Oceanografia Física   Oceanografia por Satélites                                  | 26      | 16          | 0.615               | 47        | 24          | 0.511               | 2796     | 885         | 0.317               |
| 152   | 7010    | 10667  | 248954 | <a href="#">Geraldo Stachetti Rodrigues</a>   | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Gestão ambiental de atividades rurais  | 26      | 13          | 0.500               | 65        | 14          | 0.215               | 2787     | 728         | 0.261               |
| 18  | 7011    | 10669  | 249074 | <a href="#">Maria Antonieta Alba Celani</a>   | <br><a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>   | <a href="#">Social Sciences / Linguistics and Literature</a><br>Linguística aplicada   Formação de professores de inglês   | 26      | 16          | 0.615               | 38        | 22          | 0.579               | 2769     | 769         | 0.278               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 448        | 7012    | 10672  | 249104 | <a href="#">Eudes Borges Araujo</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Ferroelectric   Multiferroics   Condensed Matter Physics  | 26      | 12          | 0.462               | 67        | 16          | 0.239               | 2765     | 714         | 0.258               |
| 273        | 7013    | 10673  | 249133 | <a href="#">Paulo Antonio Zawislak</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Economics &amp; Econometrics / Economics</a><br>innovation   Economics of Innovation   Management of Technology   Innovation Capabilities       | 26      | 19          | 0.731               | 57        | 28          | 0.491               | 2761     | 1434        | 0.519               |
| 449        | 7014    | 10678  | 249204 | <a href="#">Adriano Mondini</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>arboviruses   dengue   vectors   Viral evolution   spatial analysis | 26      | 18          | 0.692               | 32        | 30          | 0.938               | 2753     | 1597        | 0.580               |
| 118        | 7015    | 10679  | 249207 | <a href="#">Rossana Maria De Castro Andrade</a>         |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Computer Networks   Human Computer Interaction   Software Quality | 26      | 19          | 0.731               | 82        | 43          | 0.524               | 2752     | 1449        | 0.527               |
| 1821       | 7016    | 10680  | 249209 | <a href="#">Cassaro Strunzcelia Strunz Celia Maria</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">CoracaoHospitaldasClinicasHCFMPMediciãe:</a><br>Análises Clínicas   Cardiologia   | 26      | 18          | 0.692               | 56        | 33          | 0.589               | 2752     | 1082        | 0.393               |
| 274        | 7017    | 10682  | 249219 | <a href="#">Camargo Maria Madalena</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymers   ziegler-natta   membranes   adhesives   fuel cells   | 26      | 18          | 0.692               | 50        | 31          | 0.620               | 2751     | 1294        | 0.470               |
| 11         | 7018    | 10683  | 249231 | <a href="#">Ana Roberta Vilarouca Da Silva</a>          |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professora de Enfermagem, UFPI</a>  | 26      | 19          | 0.731               | 72        | 45          | 0.625               | 2749     | 1685        | 0.613               |
| 275        | 7019    | 10684  | 249233 | <a href="#">Cláudio Radtke</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-química   química de superfícies   filmes finos  | 26      | 13          | 0.500               | 62        | 22          | 0.355               | 2749     | 951         | 0.346               |
| 72         | 7020    | 10685  | 249235 | <a href="#">Fernando Luis De Araujo Machado</a>         |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Physics</a><br>Magnetism   Magnetic Materials   Heat Capacity   Magnetoimpedance   Resistivity                               | 26      | 16          | 0.615               | 54        | 24          | 0.444               | 2749     | 1099        | 0.400               |
| 153        | 7021    | 10687  | 249271 | <a href="#">Dori Edson Nava</a>                         |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador da Embrapa</a><br>Entomologia   | 26      | 20          | 0.769               | 79        | 52          | 0.658               | 2744     | 1682        | 0.613               |
| 450        | 7022    | 10688  | 249347 | <a href="#">Dalton José Carneiro</a>                    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Nutrição de Organismos Aquáticos  | 26      | 19          | 0.731               | 62        | 30          | 0.484               | 2733     | 1025        | 0.375               |
| 80         | 7023    | 10690  | 249357 | <a href="#">Esteban Walter Gonzalez Clua</a>            |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Graphics   Games   Real Time Rendering  | 26      | 14          | 0.538               | 86        | 36          | 0.419               | 2732     | 1212        | 0.444               |
| 79         | 7024    | 10691  | 249387 | <a href="#">Davi Fernando Back</a>                      |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">InorgânicaUFSM</a><br>Inorgânica   orgânica   mineralogia   quântica  | 26      | 20          | 0.769               | 103       | 75          | 0.728               | 2728     | 1771        | 0.649               |

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|---|---------|--------|--------|--|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 7025    | 10692  | 249420 | <a href="#">Anderson J3sus Da Silva</a><br> | <br>Brazil   | <a href="#">Instituto Federal de Educa3o de Goi3s</a>                       | Ensino de qu3mica e ci3ncias   Aprendizagem Cooperativa   CTS   Avalia3o   Livros did3ticos  | 26      | 15          | 0.577               | 55        | 24          | 0.436               | 2724     | 1211        | 0.445               |
| 132   | 7026    | 10693  | 249433 | <a href="#">Mauro Eduardo Del Grossi</a>   | <br>Brazil   | <a href="#">Universidade de Bras3lia UNB</a>                                | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultura Familiar   Trabalho Rural   Pluriatividade   Seguran3a Alimentar   Desenvolvimento Rural                         | 26      | 15          | 0.577               | 54        | 21          | 0.389               | 2723     | 842         | 0.309               |
| 84  | 7027    | 10695  | 249463 | <a href="#">Mauro Ramalho</a>  | <br>Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Population Ecology   Pollination Ecology   Community ecology  | 26      | 15          | 0.577               | 43        | 22          | 0.512               | 2721     | 775         | 0.285               |
| 6   | 7028    | 10698  | 249496 | <a href="#">Rodrigo Cappato De Ara3jo</a>  | <br>Brazil   | <a href="#">Universidade de Pernambuco</a>                                  | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Reabilita3o   Desempenho Funcional   | 26      | 21          | 0.808               | 57        | 47          | 0.825               | 2715     | 1948        | 0.717               |
| 49  | 7029    | 10699  | 249513 | <a href="#">Paulo R De Souza Mendes</a>  | <br>Brazil   | <a href="#">Pontif3cia Universidade Cat3lica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>non-newtonian fluid mechanics   rheology   thixotropy   viscoelasticity   viscoplasticity                       | 26      | 17          | 0.654               | 50        | 27          | 0.540               | 2713     | 974         | 0.359               |
| 99  | 7030    | 10701  | 249531 | <a href="#">Frederico F Salles</a>   | <br>Brazil   | <a href="#">Universidade Federal de Vi3osa UFV</a>                          | Taxonomia   Entomologia   Biodiversidade   Ephemeroptera   Insetos aqu3ticos   | 26      | 14          | 0.538               | 95        | 27          | 0.284               | 2711     | 1068        | 0.394               |
| 1822  | 7031    | 10704  | 249581 | <a href="#">Paulo S3rgio Da Silva Santos</a>   | <br>Brazil   | <a href="#">Universidade de S3o Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Hospitalar - Transplantes de3rg3os e tecidos - Oncologia - Estomatologia - Odontologia para Pacientes com Necessi | 26      | 22          | 0.846               | 72        | 52          | 0.722               | 2704     | 1811        | 0.670               |
| 1823  | 7032    | 10705  | 249592 | <a href="#">S3rgio Almeida Pacca</a>   | <br>Brazil   | <a href="#">Universidade de S3o Paulo USP</a>                               | <a href="#">UniversidS3o Paulo</a><br>Energia e Sustentabilidade   | 26      | 19          | 0.731               | 34        | 26          | 0.765               | 2704     | 1438        | 0.532               |
| 61  | 7033    | 10707  | 249598 | <a href="#">Denise Cantarelli Machado</a>  | <br>Brazil  | <a href="#">Pontif3cia Universidade Cat3lica do Rio Grande do Sul PUCRS</a> | PUCRS  | 26      | 18          | 0.692               | 55        | 32          | 0.582               | 2702     | 996         | 0.369               |
| 1824  | 7034    | 10708  | 249606 | <a href="#">Jose Pinhata Otoch</a>   | <br>Brazil | <a href="#">Universidade de S3o Paulo USP</a>                               | <a href="#">Medical and Health Sciences / General Surgery</a><br>Surgery   Surgical Technique   Thoracic Surgery   General Surgery   | 26      | 23          | 0.885               | 52        | 46          | 0.885               | 2701     | 1900        | 0.703               |
| 47  | 7035    | 10711  | 249637 | <a href="#">Gilberto Jos3 Miranda</a>  | <br>Brazil | <a href="#">Universidade Federal de Uberl3ndia</a>                          | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Accounting Education  | 26      | 23          | 0.885               | 59        | 47          | 0.797               | 2697     | 1926        | 0.714               |
| 7   | 7036    | 10712  | 249652 | <a href="#">Mois3s Vidal Ribeiro</a>   | <br>Brazil | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>                   | Physical Layer Security   Energy Harvesting   Power Line Communications   Wireless Communication   Hybrid Communications   | 26      | 19          | 0.731               | 79        | 46          | 0.582               | 2695     | 1384        | 0.514               |
| 100   | 7037    | 10713  | 249673 | <a href="#">Eduardo Borges</a>   | <br>Brazil | <a href="#">Universidade Federal de Vi3osa UFV</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia vegetal   bioqu3mica   sementes   armazenamento   germina3o   | 26      | 16          | 0.615               | 84        | 37          | 0.440               | 2693     | 1080        | 0.401               |
| 73  | 7038    | 10714  | 249674 | <a href="#">Tsang Ing Ren</a>  | <br>Brazil | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Processing   Computer Vision   Pattern Recognition   Machine Learning   | 26      | 18          | 0.692               | 69        | 31          | 0.449               | 2693     | 1310        | 0.486               |












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|------------|---------|--------|--------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 52         | 7039    | 10715  | 249678 | <a href="#">Leônidas Carrijo Azevedo Melo</a>           |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                         | Fertilidade do solo   Química do solo  | 26      | 23          | 0.885               | 43        | 40          | 0.930               | 2693     | 2199        | 0.817               |
| 1825       | 7040    | 10716  | 249694 | <a href="#">Mário Scheffer</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">MedicinP</a><br>Saúde Coletiva   | 26      | 20          | 0.769               | 44        | 34          | 0.773               | 2691     | 1881        | 0.699               |
| 297        | 7041    | 10719  | 249729 | <a href="#">Edson Paulo Domingues</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia   meio ambiente   modelos econômicos   território   mudanças climáticas   | 26      | 17          | 0.654               | 59        | 32          | 0.542               | 2686     | 1049        | 0.391               |
| 62         | 7042    | 10721  | 249755 | <a href="#">Pedro Migowski</a>                          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanomaterials   Catalysis   Photoelectrochemistry   Water Splitting   | 26      | 20          | 0.769               | 34        | 27          | 0.794               | 2682     | 952         | 0.355               |
| 1826       | 7043    | 10722  | 249759 | <a href="#">Roberto Zilles</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Energy Engineering</a>  | 26      | 17          | 0.654               | 63        | 30          | 0.476               | 2681     | 1037        | 0.387               |
| 173        | 7044    | 10725  | 249799 | <a href="#">Laura Helena Vega Gonzales Gil</a>          |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Pesquisadora, Instituto Aggeu Magalhães-FIOCRUZ</a><br>Virologia   | 26      | 19          | 0.731               | 45        | 33          | 0.733               | 2676     | 1194        | 0.446               |
| 1827       | 7045    | 10726  | 249801 | <a href="#">Tiana Kohlsdorf</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão PauloUniversidSao Paulo</a>   | 26      | 18          | 0.692               | 41        | 29          | 0.707               | 2676     | 1325        | 0.495               |
| 1828       | 7046    | 10727  | 249815 | <a href="#">Marinella Holzhausen Caldeira</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 26      | 17          | 0.654               | 49        | 28          | 0.571               | 2674     | 920         | 0.344               |
| 1829       | 7047    | 10729  | 249836 | <a href="#">Carlos Eduardo Falavigna Da Rocha</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Sistemática animal   Filogenia   Copepoda   Ostracoda   Gastrotricha  | 26      | 13          | 0.500               | 76        | 21          | 0.276               | 2672     | 805         | 0.301               |
| 1830       | 7048    | 10730  | 249847 | <a href="#">Leonardo Régis Leira Pereira</a>            |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>"Clinical Pharmacy"   "Pharmacoepidemiology"   "Pharmaceutical Services"   "Pharmacoeconomics"   "Pharmacovigilance" | 26      | 20          | 0.769               | 53        | 38          | 0.717               | 2671     | 1550        | 0.580               |
| 53         | 7049    | 10731  | 249887 | <a href="#">Luis Roberto Batista</a>                    |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                         | Microbiologia  | 26      | 23          | 0.885               | 54        | 44          | 0.815               | 2667     | 1533        | 0.575               |
| 1831       | 7050    | 10733  | 249913 | <a href="#">AR Zanatta</a>                              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science   Spectroscopic Techniques   Thin Films   Luminescent Materials                                | 26      | 12          | 0.462               | 72        | 19          | 0.264               | 2663     | 773         | 0.290               |
| 1832       | 7051    | 10734  | 249942 | <a href="#">Sabrina Epiphania</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>malaria  | 26      | 20          | 0.769               | 42        | 36          | 0.857               | 2660     | 1227        | 0.461               |
| 298        | 7052    | 10735  | 249962 | <a href="#">Marcelo Andrade Cattoni De Oliveira</a>     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | Direito Constitucional   Teoria da Constituição   História do Direito   Filosofia do Direito   Filosofia Política  | 26      | 16          | 0.615               | 49        | 22          | 0.449               | 2658     | 877         | 0.330               |
| 1833       | 7053    | 10737  | 250010 | <a href="#">Ana Lucia Siqueira Costa</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | saúde  | 26      | 20          | 0.769               | 60        | 40          | 0.667               | 2653     | 1719        | 0.648               |

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|------------|---------|--------|--------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 451        | 7054    | 10739  | 250033 | <a href="#">Marcos Antonio Corrêa</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Cosmetologia Farmácia</a><br>cosméticos   farmacotécnica  | 26      | 19          | 0.731               | 49        | 39          | 0.796               | 2651     | 1538        | 0.580               |
| 505        | 7055    | 10740  | 250043 | <a href="#">José Vanterler</a>                          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Fractional Differential Equations   Functional Analysis   Variational Approach  | 26      | 26          | 1.000               | 43        | 42          | 0.977               | 2650     | 2591        | 0.978               |
| 23         | 7056    | 10742  | 250068 | <a href="#">Luis Carlos Vinhas Itavo</a>                |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição e Produção de Ruminantes  | 26      | 15          | 0.577               | 67        | 27          | 0.403               | 2645     | 964         | 0.364               |
| 452        | 7057    | 10743  | 250075 | <a href="#">Roberto André Kraenkel</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>mathematical biology   nonlinear dynamics   theoretical ecology   mathematical epidemiology   complex systems | 26      | 14          | 0.538               | 62        | 21          | 0.339               | 2644     | 802         | 0.303               |
| 4          | 7058    | 10744  | 250082 | <a href="#">Margarete Dulce Bagatini</a>                |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>             | Saúde   | 26      | 21          | 0.808               | 58        | 44          | 0.759               | 2643     | 1409        | 0.533               |
| 11         | 7059    | 10746  | 250121 | <a href="#">Marcone Jamilson Freitas Souza</a>          |  Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                | <a href="#">UniversidOuro Preto Ouro Preto</a><br>Optimization   Scheduling   Timetabling   Vehicle Routing   Open-pit mining                               | 26      | 17          | 0.654               | 69        | 38          | 0.551               | 2638     | 1383        | 0.524               |
| 133        | 7060    | 10747  | 250122 | <a href="#">Gisela Demo</a>                             |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Business &amp; Management / Business Administration</a><br>Gestão de Pessoas   Marketing   Comportamento Organizacional                         | 26      | 22          | 0.846               | 54        | 44          | 0.815               | 2638     | 1668        | 0.632               |
| 8          | 7061    | 10748  | 250123 | <a href="#">Geoffroy Roger Pointer Malpass</a>          |  Brazil  | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>         | <a href="#">UFTM</a>  | 26      | 22          | 0.846               | 43        | 36          | 0.837               | 2638     | 1107        | 0.420               |
| 36         | 7062    | 10750  | 250162 | <a href="#">Ester Miyuki Nakamura Palacios</a>          |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Ciências cognitivas   Neuropsicofarmacologia   Dependência de drogas   Neuromodulação         | 26      | 18          | 0.692               | 41        | 27          | 0.659               | 2633     | 1508        | 0.573               |
| 1834       | 7063    | 10752  | 250170 | <a href="#">Marcelo Henrique Gehlen</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Fluorescence spectroscopy   stochastic kinetics   dyes   single molecule  | 26      | 13          | 0.500               | 63        | 20          | 0.317               | 2632     | 677         | 0.257               |
| 107        | 7064    | 10753  | 250229 | <a href="#">Joao Carlos Bespalhok F</a>                 |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">MelhoramentoPlantas</a><br>Melhoramento de plantas   biotecnologia   cana-de-açúcar   cultura de tecidos  | 26      | 16          | 0.615               | 47        | 27          | 0.574               | 2626     | 1199        | 0.457               |
| 299        | 7065    | 10754  | 250239 | <a href="#">Ana Maria De Paula</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>Ultrafast optics   Spectroscopy   Multiphoton microscopy  | 26      | 16          | 0.615               | 46        | 25          | 0.543               | 2625     | 1319        | 0.502               |
| 17         | 7066    | 10756  | 250260 | <a href="#">Marcelo De Andrade Ferreira</a>             |  Brazil | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e Produção de Ruminantes  | 26      | 12          | 0.462               | 77        | 19          | 0.247               | 2622     | 739         | 0.282               |

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|------------|---------|--------|--------|--|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 300        | 7067    | 10761  | 250280 | <a href="#">Bernardo Lanza Queiroz</a>   <a href="#">Bernardo L. Queiroz</a> ,<br><a href="#">Bernardo Queiroz</a> | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                            | <a href="#">Social Sciences / Demography</a><br>demography   economic demography   intergenerational transfers   demographic methods  | 26      | 19          | 0.731               | 68        | 41          | 0.603               | 2619     | 1575        | 0.601               |
| 63         | 7068    | 10762  | 250324 | <a href="#">Rodrigo Borges Fonseca</a>   | <br>Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Estética Dental   Materiais Restauradores  | 26      | 19          | 0.731               | 49        | 34          | 0.694               | 2614     | 1068        | 0.409               |
| 150        | 7069    | 10763  | 250330 | <a href="#">Andrea Vieira Zanella</a>  | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia social   arte   educação estética   interdisciplinar   | 26      | 15          | 0.577               | 62        | 30          | 0.484               | 2613     | 1038        | 0.397               |
| 453        | 7070    | 10767  | 250362 | <a href="#">Antonio Thomaz Júnior</a>  | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>               | <a href="#">Natural Sciences / Geography</a><br>Geografia Humana   Geografia Agrária   Geografia do Trabalho  | 26      | 14          | 0.538               | 71        | 28          | 0.394               | 2609     | 825         | 0.316               |
| 1835       | 7071    | 10768  | 250366 | <a href="#">Alberto Olavo Advíncula Reis</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Mental Health   Children and adolescent   Public policies                                   | 26      | 15          | 0.577               | 48        | 25          | 0.521               | 2609     | 1373        | 0.526               |
| 81         | 7072    | 10769  | 250415 | <a href="#">Thadeu Josino Pereira Penna</a>  | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                                      | <a href="#">Natural Sciences / Physics</a><br>complex systems   computer simulations   computational physics  | 26      | 11          | 0.423               | 47        | 12          | 0.255               | 2604     | 307         | 0.118               |
| 1836       | 7073    | 10770  | 250422 | <a href="#">Marta Heloisa Lopes</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectologia   Imunizações   | 26      | 15          | 0.577               | 42        | 23          | 0.548               | 2604     | 1005        | 0.386               |
| 63         | 7074    | 10773  | 250435 | <a href="#">Pablo Machado</a>  | <br>Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a>          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medicinal chemistry and organic chemistry   | 26      | 17          | 0.654               | 53        | 34          | 0.642               | 2602     | 1058        | 0.407               |
| 1837       | 7075    | 10774  | 250442 | <a href="#">Marcos Tavares</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Systematics   Taxonomy   Crustacea   Evolution   Biogeography  | 26      | 17          | 0.654               | 68        | 30          | 0.441               | 2601     | 1029        | 0.396               |
| 25         | 7076    | 10775  | 250443 | <a href="#">Renato Augusto Damatta</a>   | <br>Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Cell Biology   | 26      | 14          | 0.538               | 66        | 31          | 0.470               | 2601     | 860         | 0.331               |
| 3          | 7077    | 10777  | 250472 | <a href="#">Carlos Fernando Barboza Da Silva</a>   | <br>Brazil | <a href="#">Instituto Federal de Educação Ciência e Tecnologia de São Paulo IFSP</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese e Caracterização de Compostos Inorgânicos   Educação em Química   | 26      | 18          | 0.692               | 65        | 36          | 0.554               | 2598     | 1130        | 0.435               |
| 172        | 7078    | 10778  | 250476 | <a href="#">Mariana Da Silva Araujo</a>  | <br>Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Enzymology   Neuropharmacology  | 26      | 16          | 0.615               | 68        | 29          | 0.426               | 2597     | 833         | 0.321               |
| 23         | 7079    | 10779  | 250494 | <a href="#">Laura Carvalho</a>   | <br>Brazil | <a href="#">Universidade Federal de Campina Grande</a>                               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymer composites   nanocomposites   natural fiber composites   polymer blends | 26      | 20          | 0.769               | 57        | 32          | 0.561               | 2595     | 1292        | 0.498               |



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|---|---------|--------|--------|---|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 42  | 7080    | 10781  | 250511 | <a href="#">Rommel Ramos</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Computational Biology   Genomics   Metagenomics   software development and IoT            | 26      | 20          | 0.769               | 76        | 45          | 0.592               | 2593     | 1436        | 0.554               |
| 454   | 7081    | 10782  | 250595 | <a href="#">Maria Cristina P Lima</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Neurology</a><br>alcohol   elderly   depression   medical student   mental health                        | 26      | 20          | 0.769               | 49        | 29          | 0.592               | 2584     | 1291        | 0.500               |
| 455   | 7082    | 10786  | 250625 | <a href="#">Roberto De Oliveira Roça</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária   Zootecnia   Tecnologia de Alimentos                    | 26      | 16          | 0.615               | 72        | 28          | 0.389               | 2579     | 951         | 0.369               |
| 13  | 7083    | 10787  | 250633 | <a href="#">Gilney Figueira Zebende</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Feira de Santana UEFES</a>             | <a href="#">FeirSantana</a><br>Mecânica Estatística   Análise de Séries Temporais   Estudo de Sistemas Complexos                                   | 26      | 21          | 0.808               | 44        | 32          | 0.727               | 2579     | 1598        | 0.620               |
| 64  | 7084    | 10791  | 250662 | <a href="#">Jarbas Rodrigues De Oliveira</a>        | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Biophysics</a><br>Bioquímica   Biofísica   Biologia Molecular  | 26      | 18          | 0.692               | 63        | 32          | 0.508               | 2576     | 1382        | 0.536               |
| 5   | 7085    | 10792  | 250679 | <a href="#">Carneiro PLS</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>                  | <a href="#">Professor de Genética e Melhoramento Animal, UESB</a><br>Genética e Melhoramento Animal  | 26      | 16          | 0.615               | 82        | 39          | 0.476               | 2574     | 1197        | 0.465               |
| 506   | 7086    | 10793  | 250682 | <a href="#">Jurandir Zullo Junior</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">CepagriUnicamp</a><br>Mudanças Climáticas   Sensoriamento Remoto   Modelagem   | 26      | 13          | 0.500               | 68        | 21          | 0.309               | 2574     | 784         | 0.305               |
| 1838  | 7087    | 10794  | 250708 | <a href="#">Patrícia Campos Pavan Baptista</a>      | <br><a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">ENFERMAGEMUNIVERSIDASÃOPOAULO</a><br>CIÊNCIAS DA SAÚDE   SAÚDE DO TRABALHADOR  | 26      | 21          | 0.808               | 54        | 39          | 0.722               | 2571     | 1434        | 0.558               |
| 6   | 7088    | 10795  | 250715 | <a href="#">Carlos Henrique Mendes Malhado</a>      | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>                  | <a href="#">Universidade Estadual do Sudoeste da Bahia</a><br>Animal Science   | 26      | 15          | 0.577               | 73        | 34          | 0.466               | 2570     | 1040        | 0.405               |
| 24  | 7089    | 10797  | 250771 | <a href="#">Euzeli Cipriano Dos Santos Junior</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Campina Grande</a>                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power electronics   motor drive system                   | 26      | 18          | 0.692               | 62        | 28          | 0.452               | 2563     | 1135        | 0.443               |
| 15  | 7090    | 10798  | 250780 | <a href="#">Marcos José Marques</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>diagnóstico molecular de leishmanioses   teste de drogas com potencial leishmanicida | 26      | 18          | 0.692               | 52        | 35          | 0.673               | 2562     | 1016        | 0.397               |
| 1839  | 7091    | 10799  | 250781 | <a href="#">Izabel Regina Fischer Rubira Bullen</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiology   Oral diseases   Molecular Biology   | 26      | 21          | 0.808               | 51        | 37          | 0.725               | 2562     | 1477        | 0.577               |

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|------------|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1840       | 7092    | 10800  | 250793 | <a href="#">Alberto Queiroz Farias</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatology   | 26      | 18          | 0.692               | 46        | 27          | 0.587               | 2561     | 1019        | 0.398               |
| 456        | 7093    | 10804  | 250811 | <a href="#">Mateus Paranhos Da Costa</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal welfare   Animal behaviour   Animal production                                 | 26      | 17          | 0.654               | 80        | 38          | 0.475               | 2558     | 1152        | 0.450               |
| 301        | 7094    | 10805  | 250817 | <a href="#">Joao Aguiar Nogueira Batista</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>sistemática de angiospermas   | 26      | 18          | 0.692               | 59        | 32          | 0.542               | 2557     | 1379        | 0.539               |
| 4          | 7095    | 10808  | 250846 | <a href="#">Neves Maria José</a>                        |  Brazil   | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Nanotecnologia   Radiobiologia  | 26      | 17          | 0.654               | 38        | 24          | 0.632               | 2553     | 967         | 0.379               |
| 1          | 7096    | 10809  | 250875 | <a href="#">Raul Antonio Sperotto</a>                   |  Brazil   | <a href="#">Centro Universitário UNIVATES</a>                              | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant responses to environmental stresses  | 26      | 22          | 0.846               | 48        | 42          | 0.875               | 2549     | 1670        | 0.655               |
| 50         | 7097    | 10811  | 250946 | <a href="#">Antonio L Furtado</a>                       |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Information Systems   Digital Entertainment   Medieval Literature           | 26      | 9           | 0.346               | 86        | 8           | 0.093               | 2542     | 376         | 0.148               |
| 151        | 7098    | 10813  | 250958 | <a href="#">Jose Er Cury</a>                            |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Universidade Federal de Santa Catarina</a>   | 26      | 13          | 0.500               | 58        | 19          | 0.328               | 2541     | 538         | 0.212               |
| 25         | 7099    | 10814  | 250960 | <a href="#">Sara Thomazzi</a>                           |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                        | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Produtos naturais   Plantas medicinais   Inflamação | 26      | 18          | 0.692               | 44        | 26          | 0.591               | 2541     | 1076        | 0.423               |
| 281        | 7100    | 10815  | 250968 | <a href="#">Nelson Braga</a>                            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física das Partículas Elementares  | 26      | 20          | 0.769               | 61        | 30          | 0.492               | 2540     | 970         | 0.382               |
| 1841       | 7101    | 10816  | 250973 | <a href="#">Silvia Pereira De Castro Casa Nova</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | Accounting education   Feminism   Gender   Qualitative research   Accounting & Finance   | 26      | 18          | 0.692               | 44        | 28          | 0.636               | 2540     | 1093        | 0.430               |
| 14         | 7102    | 10817  | 251001 | <a href="#">Fabricio Beggiato Baccaro</a>               |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>community ecology   biodiversity   social insects   tropical forest                               | 26      | 22          | 0.846               | 50        | 45          | 0.900               | 2537     | 1904        | 0.750               |
| 173        | 7103    | 10818  | 251012 | <a href="#">Regina Célia Mello Santiago Moisés</a>      |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Associação Paulista de Medicina</a><br>diabetes mellitus   genética do diabetes  | 26      | 14          | 0.538               | 54        | 23          | 0.426               | 2536     | 629         | 0.248               |
| 43         | 7104    | 10820  | 251053 | <a href="#">Fernando Augusto Ramos Pontes</a>           |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia do Desenvolvimento  | 26      | 19          | 0.731               | 61        | 32          | 0.525               | 2532     | 1305        | 0.515               |

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|------------|---------|--------|--------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5          | 7105    | 10821  | 251097 | <a href="#">Vander Mendonça</a>                         |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFERSA</a>             | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Fruticultura  | 26      | 15          | 0.577               | 76        | 30          | 0.395               | 2528     | 956         | 0.378               |
| 302        | 7106    | 10822  | 251151 | <a href="#">Frederico Marianetti Soriani</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">ICBUFGM</a>   | 26      | 21          | 0.808               | 44        | 32          | 0.727               | 2523     | 1324        | 0.525               |
| 1842       | 7107    | 10825  | 251193 | <a href="#">Sérgio Cirelli Angulo</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>materiais   construção  | 26      | 20          | 0.769               | 46        | 28          | 0.609               | 2519     | 1178        | 0.468               |
| 457        | 7108    | 10828  | 251287 | <a href="#">Celso Koogi Sonoda</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Traumatismo dentário   reimplante dentário   processo de reparo de tecido mole e duro   reabsorção radicular   ligamento periodó | 26      | 15          | 0.577               | 66        | 36          | 0.545               | 2510     | 1001        | 0.399               |
| 4          | 7109    | 10830  | 251303 | <a href="#">Durcilene Alves Da Silva</a>                |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>química de polímeros  | 26      | 24          | 0.923               | 57        | 55          | 0.965               | 2509     | 1768        | 0.705               |
| 174        | 7110    | 10832  | 251309 | <a href="#">Ricardo Khouri</a>                          |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Microbiology   Parasitology   Data Mining  | 26      | 21          | 0.808               | 46        | 45          | 0.978               | 2509     | 1713        | 0.683               |
| 4          | 7111    | 10833  | 251332 | <a href="#">Valter Barbosa Filho</a>                    |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Ceará</a> | <a href="#">Federal Institute of Education, Science and Technology of Ceara</a><br>Physical Education/Public Health   | 26      | 21          | 0.808               | 53        | 47          | 0.887               | 2506     | 1731        | 0.691               |
| 9          | 7112    | 10834  | 251333 | <a href="#">Jair Sindra Virtuoso Júnior</a>             |  Brazil   | <a href="#">Universidade Federal do Triângulo Mineiro UFTM</a>              | <a href="#">EsporteTriângulo</a><br>envelhecimento   fragilidade   incapacidade funcional   saúde mental  | 26      | 21          | 0.808               | 50        | 34          | 0.680               | 2506     | 1368        | 0.546               |
| 276        | 7113    | 10835  | 251344 | <a href="#">Paulo Netz</a>                              |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>Simulacao Computacional   Fluidos Complexos   DNA   Termodinamica   | 26      | 17          | 0.654               | 44        | 27          | 0.614               | 2505     | 880         | 0.351               |
| 277        | 7114    | 10836  | 251365 | <a href="#">Leonardo Alexandre Peyré Tartaruga</a>      |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Education / Education</a><br>Locomotion   Sport   Mechanics of Locomotion   Exercise Physiology   Biomechanics  | 26      | 22          | 0.846               | 68        | 42          | 0.618               | 2501     | 1657        | 0.663               |
| 1843       | 7115    | 10839  | 251384 | <a href="#">Michel Reis Messora</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontics & Oral Implantology   | 26      | 21          | 0.808               | 55        | 50          | 0.909               | 2499     | 1637        | 0.655               |
| 44         | 7116    | 10840  | 251387 | <a href="#">Claudio Guedes Salgado</a>                  |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Medicine   Leprosy   mycology   dermatology   immunology   | 26      | 21          | 0.808               | 43        | 28          | 0.651               | 2499     | 1454        | 0.582               |
| 64         | 7117    | 10842  | 251430 | <a href="#">Leonardo Santos Andrade</a>                 |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Eletroquímica   Meio Ambiente   Materiais   Engenharia  | 26      | 17          | 0.654               | 34        | 27          | 0.794               | 2495     | 932         | 0.374               |








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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 80  | 7118    | 10844  | 251459 | <a href="#">Ricardo Barreto Da Silva</a>            | <br>Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Natural Sciences / Physics</a><br>Magnetism   thin films   magnetotransport   spintronics                               | 26      | 15          | 0.577               | 65        | 28          | 0.431               | 2492     | 1028        | 0.413               |
| 17  | 7119    | 10848  | 251498 | <a href="#">Patrícia Valderrama</a>                 | <br>Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   quimiometria   espectroscopia   estatística   alimentos | 26      | 21          | 0.808               | 58        | 46          | 0.793               | 2488     | 1549        | 0.623               |
| 1844  | 7120    | 10849  | 251513 | <a href="#">Reynaldo Fernandes</a>                  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia   educação   | 26      | 13          | 0.500               | 45        | 16          | 0.356               | 2487     | 678         | 0.273               |
| 278   | 7121    | 10850  | 251536 | <a href="#">Tania Mara Galli Fonseca</a>            | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Psychology</a><br>Subjetividade   Clínica   Arte   Política   | 26      | 14          | 0.538               | 56        | 23          | 0.411               | 2484     | 748         | 0.301               |
| 152   | 7122    | 10851  | 251546 | <a href="#">Fernando Diefenthaler</a>               | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Desportos</a><br>Biomecânica   fisiologia do exercício   análise de sinais biológicos                                   | 26      | 20          | 0.769               | 61        | 42          | 0.689               | 2483     | 1441        | 0.580               |
| 97  | 7123    | 10853  | 251565 | <a href="#">Angélica Marquetotti Salcedo Vieira</a> | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>processos de separação                               | 26      | 23          | 0.885               | 53        | 47          | 0.887               | 2481     | 1974        | 0.796               |
| 507   | 7124    | 10854  | 251566 | <a href="#">Ana Paula Badan Ribeiro</a>             | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Lípidios   Interesterificação   Cristalização        | 26      | 22          | 0.846               | 52        | 48          | 0.923               | 2481     | 1605        | 0.647               |
| 16  | 7125    | 10856  | 251579 | <a href="#">Joao Carlos Ferrari Correa</a>          | <br>Brazil  | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">Medical and Health Sciences / Neurology</a><br>Biodinâmica   Neurologia   Estimulação Elétrica                          | 26      | 18          | 0.692               | 68        | 39          | 0.574               | 2479     | 1147        | 0.463               |
| 72  | 7126    | 10857  | 251597 | <a href="#">Maria De Fátima Guimarães</a>           | <br>Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | Manejo e conservação do solo  | 26      | 19          | 0.731               | 44        | 30          | 0.682               | 2478     | 1204        | 0.486               |
| 1845  | 7127    | 10858  | 251601 | <a href="#">Edgard Michel Crosato</a>               | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Oral Health Epidemiology   Forensic Dentistry       | 26      | 20          | 0.769               | 63        | 43          | 0.683               | 2477     | 1303        | 0.526               |
| 8   | 7128    | 10859  | 251612 | <a href="#">Mára Zeni E Ou Mara Zeni Andrade</a>    | <br>Brazil | <a href="#">Universidade de Caxias do Sul</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Desenvolvimento de membranas   ciências dos materiais                       | 26      | 16          | 0.615               | 56        | 33          | 0.589               | 2476     | 1123        | 0.454               |
| 14  | 7129    | 10861  | 251624 | <a href="#">Claudia Silveira Viera</a>              | <br>Brazil | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>      | <a href="#">colegiE BioesauUniversidaa€!</a><br>saude   | 26      | 20          | 0.769               | 59        | 39          | 0.661               | 2475     | 1326        | 0.536               |
| 1846  | 7130    | 10863  | 251633 | <a href="#">Antonio Roque Dechen</a>                | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>SOIL SCIENCE                                      | 26      | 10          | 0.385               | 50        | 12          | 0.240               | 2474     | 558         | 0.226               |
| 458   | 7131    | 10864  | 251652 | <a href="#">Abraham Hirs Zimerman</a>               | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Mathematics</a><br>Mathematical Physics and Field Theory   | 26      | 9           | 0.346               | 80        | 8           | 0.100               | 2472     | 334         | 0.135               |

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|------------|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 508        | 7132    | 10866  | 251684 | <a href="#">William Reis De Araujo</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemistry   Sensors and Biosensors   Paper-based Analytical Devices   Portable devices - Wearable Sensors   Forensic analysis | 26      | 24          | 0.923               | 34        | 32          | 0.941               | 2470     | 2139        | 0.866               |
| 134        | 7133    | 10868  | 251704 | <a href="#">Keti Tenenblat</a>                          |  Brazil   | <a href="#">Universidade de Brasília UNB</a>               | <a href="#">Natural Sciences / Mathematics</a><br>differential geometry  | 26      | 14          | 0.538               | 52        | 16          | 0.308               | 2468     | 627         | 0.254               |
| 6          | 7134    | 10870  | 251726 | <a href="#">Rita Valeria Andreoli</a>                   |  Brazil   | <a href="#">Universidade do Estado do Amazonas UEA</a>     | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Climatologia  | 26      | 25          | 0.962               | 52        | 46          | 0.885               | 2466     | 1548        | 0.628               |
| 509        | 7135    | 10871  | 251742 | <a href="#">Vitor Baranauskas</a>                       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  |  | 26      | 10          | 0.385               | 69        | 16          | 0.232               | 2464     | 467         | 0.190               |
| 1847       | 7136    | 10872  | 251745 | <a href="#">Elisabeth Mateus Yoshimura</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Natural Sciences / Physics</a><br>radiações  | 26      | 15          | 0.577               | 58        | 25          | 0.431               | 2464     | 988         | 0.401               |
| 41         | 7137    | 10873  | 251748 | <a href="#">Mario Lucio Moreira</a>                     |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>      | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   Fotônica   Crescimento de Cristais   Fotovoltaicos   Nanotecnologia.  | 26      | 19          | 0.731               | 48        | 32          | 0.667               | 2464     | 1090        | 0.442               |
| 9          | 7138    | 10877  | 251815 | <a href="#">Maria Alix Leite Araujo</a>                 |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>           | <a href="#">Saúde Coletiva</a><br>IST/HIV/Aids   Epidemiologia   Saúde da Mulher   | 26      | 19          | 0.731               | 65        | 35          | 0.538               | 2456     | 1407        | 0.573               |
| 1848       | 7139    | 10878  | 251868 | <a href="#">Gil Miguel De Sousa Câmara</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Superior Agricultura Luiz Queiroz/P(Sênior)</a><br>Soja e Milho: FBN   Fisiologia e Ecofisiologia da Produção   Ambientes de Produção   Nutrição Vegetal.                        | 26      | 16          | 0.615               | 54        | 22          | 0.407               | 2451     | 898         | 0.366               |
| 1849       | 7140    | 10879  | 251888 | <a href="#">Machado Pf</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Universidade de São Paulo</a>  | 26      | 17          | 0.654               | 71        | 31          | 0.437               | 2448     | 926         | 0.378               |
| 37         | 7141    | 10880  | 251927 | <a href="#">Alexandre Candido Xavier</a>                |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geomatics   Remote Sensing  | 26      | 17          | 0.654               | 49        | 28          | 0.571               | 2445     | 1327        | 0.543               |
| 303        | 7142    | 10881  | 251939 | <a href="#">Luiz Machado</a>                            |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Refrigeração   Bomba de Calor e Ebulição  | 26      | 24          | 0.923               | 47        | 36          | 0.766               | 2444     | 1854        | 0.759               |
| 5          | 7143    | 10884  | 251982 | <a href="#">Altemir Mossi</a>                           |  Brazil | <a href="#">Universidade Federal da Fronteira Sul UFFS</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Produtos Naturais   Agroecologia   sustentabilidade  | 26      | 17          | 0.654               | 52        | 34          | 0.654               | 2440     | 1160        | 0.475               |
| 1850       | 7144    | 10885  | 252008 | <a href="#">Adalgiza Fornaro</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Universidade de São Paulo (IAG/USP)</a><br>poluição do ar   química atmosférica   águas de chuva   composição iônica de águas de chuva e material particulado                    | 26      | 20          | 0.769               | 42        | 34          | 0.810               | 2438     | 1259        | 0.516               |
| 1851       | 7145    | 10886  | 252012 | <a href="#">José Roberto Machado Cunha Da Silva</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia de invertebrados   poluição   toxicologia   | 26      | 15          | 0.577               | 67        | 31          | 0.463               | 2437     | 1114        | 0.457               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 54         | 7146    | 10887  | 252013 | <a href="#">Roberto Alves Braga Jr</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Natural Sciences / Physics</a><br>Optics   Instrumentation   Laser applications   Biospeckle   Optical metrology  | 26      | 17          | 0.654               | 54        | 37          | 0.685               | 2437     | 1101        | 0.452               |
| 510        | 7147    | 10890  | 252044 | <a href="#">Adriana Souza Torsoni</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">UNICAMP</a><br>Programação Metabólica   Obesidade   Epigenética   | 26      | 18          | 0.692               | 39        | 31          | 0.795               | 2435     | 1026        | 0.421               |
| 135        | 7148    | 10891  | 252046 | <a href="#">Bergmann Morais Ribeiro</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>baculovirus   insect virus   Bacillus thuringiensis   biological control                                 | 26      | 15          | 0.577               | 72        | 38          | 0.528               | 2434     | 1185        | 0.487               |
| 136        | 7149    | 10892  | 252059 | <a href="#">Kelly Grace Magalhães</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Brasilia</a><br>Tumor Immunology   Obesity   Cancer   Virus Immunology  | 26      | 23          | 0.885               | 51        | 45          | 0.882               | 2433     | 1607        | 0.661               |
| 459        | 7150    | 10893  | 252073 | <a href="#">Paulo Rennés Marçal Ribeiro</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Education / Education</a><br>Educação sexual   Sexualidade   História da Sexualidade e da Educação sexual   Atitudes sexuais.                                       | 26      | 18          | 0.692               | 55        | 35          | 0.636               | 2432     | 1302        | 0.535               |
| 460        | 7151    | 10894  | 252080 | <a href="#">Jane Megid</a>                              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>medicina veterinária   biologia   medicina   saúde   zoonoses  | 26      | 18          | 0.692               | 70        | 41          | 0.586               | 2431     | 1171        | 0.482               |
| 1852       | 7152    | 10896  | 252104 | <a href="#">André Fujita</a>                            | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Mathematics</a><br>Network Statistics   Computational Statistics   Machine learning   Causal inference   Systems Biology                         | 26      | 19          | 0.731               | 55        | 39          | 0.709               | 2429     | 1252        | 0.515               |
| 55         | 7153    | 10897  | 252126 | <a href="#">Marcelo Ribeiro Viola</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>modelagem hidrológica   gestão de recursos hídricos   engenharia agrícola   monitoramento hidrológico  | 26      | 20          | 0.769               | 48        | 45          | 0.938               | 2427     | 1520        | 0.626               |
| 85         | 7154    | 10898  | 252128 | <a href="#">Leila D Amorim</a>                          | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Natural Sciences / Statistics</a><br>Biostatistics   Epidemiology   Public Health   | 26      | 20          | 0.769               | 41        | 36          | 0.878               | 2427     | 1396        | 0.575               |
| 304        | 7155    | 10899  | 252135 | <a href="#">Ariete Righi</a>                            | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada  | 26      | 15          | 0.577               | 44        | 22          | 0.500               | 2426     | 653         | 0.269               |
| 282        | 7156    | 10904  | 252167 | <a href="#">Jo Dweck</a>                                | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Análise térmica de materiais e processos   Resíduos e efluentes industriais   Cimento e gesso   carvão e combustíveis   | 26      | 17          | 0.654               | 59        | 30          | 0.508               | 2422     | 1111        | 0.459               |
| 1853       | 7157    | 10906  | 252189 | <a href="#">Marisa Semprini</a>                         | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomy  | 26      | 17          | 0.654               | 52        | 27          | 0.519               | 2420     | 1127        | 0.466               |
| 18         | 7158    | 10907  | 252190 | <a href="#">Barbara P. Mazzilli</a>                     | <br><a href="#">Brazil</a> | <a href="#">Instituto de Pesquisas Energéticas e Nucleares</a>         | <a href="#">Instituto de Pesquisas Energéticas e Nucleares</a><br>Radioecologia   Radioproteção ambiental   Determinação de radionúcleos em amostras ambientais   NORM e TENORM | 26      | 16          | 0.615               | 51        | 25          | 0.490               | 2420     | 831         | 0.343               |
| 1854       | 7159    | 10908  | 252208 | <a href="#">Marcelo Costa</a>                           | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicofísica   Eletrofisiologia   Desenvolvimento Visual   Funções Visuais   Neurociências e Educação                            | 26      | 16          | 0.615               | 56        | 27          | 0.482               | 2418     | 904         | 0.374               |



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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1855  | 7160    | 10910  | 252240 | <a href="#">Suzana Cantanhede Orsini Machado De Sousa</a> |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology   | 26      | 16          | 0.615               | 68        | 29          | 0.426               | 2415     | 1013        | 0.419               |
| 1   | 7161    | 10911  | 252241 | <a href="#">Saul Jorge Pinto de Carvalho</a>              |    | <a href="#">Instituto Federal do Sul de Minas Gerais</a>               | <a href="#">Agriculture &amp; Forestry / Agriculture</a>   | 26      | 15          | 0.577               | 65        | 29          | 0.446               | 2415     | 966         | 0.400               |
| 1856  | 7162    | 10912  | 252278 | <a href="#">Samila Batistoni</a>                          |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontology   Psychology   | 26      | 21          | 0.808               | 55        | 43          | 0.782               | 2412     | 1472        | 0.610               |
| 1857  | 7163    | 10913  | 252282 | <a href="#">Anna Maria Chiesa</a>                         |    | <a href="#">Universidade de São Paulo USP</a>                          | enfermagem   saúde coletiva   promoção da saúde   saúde da criança   saúde da família  | 26      | 14          | 0.538               | 49        | 23          | 0.469               | 2412     | 756         | 0.313               |
| 1858  | 7164    | 10914  | 252307 | <a href="#">José Fernando Machado Menten</a>              |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição animal   avicultura  | 26      | 16          | 0.615               | 57        | 34          | 0.596               | 2409     | 835         | 0.347               |
| 65  | 7165    | 10915  | 252310 | <a href="#">Divina Cardoso</a>                            |    | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia   Microbiologia   Biologia Molecular   Bioquímica  | 26      | 11          | 0.423               | 54        | 11          | 0.204               | 2409     | 412         | 0.171               |
| 49  | 7166    | 10916  | 252361 | <a href="#">Luiz Marcos Garcia Goncalves</a>              |    | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robotics Vision   Graphics Processing  | 26      | 20          | 0.769               | 63        | 41          | 0.651               | 2405     | 1462        | 0.608               |
| 1859  | 7167    | 10918  | 252409 | <a href="#">Marcelo Areias Trindade</a>                   |    | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>smart structures   piezoelectric materials   finite element   vibration control   structural dynamics | 26      | 13          | 0.500               | 35        | 19          | 0.543               | 2401     | 590         | 0.246               |
| 511   | 7168    | 10922  | 252444 | <a href="#">Cid Carvalho De Souza</a>                     |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Integer Programming   Combinatorial Optimization   Operations Research   Exact algorithms   Heuristics      | 26      | 13          | 0.500               | 61        | 21          | 0.344               | 2397     | 633         | 0.264               |
| 279   | 7169    | 10924  | 252476 | <a href="#">Roberto Iannuzzi</a>                          |  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleontologia   Paleobotânica   Paleobiogeografia   Paleoclimatologia   Paleoeologia                          | 26      | 20          | 0.769               | 65        | 41          | 0.631               | 2394     | 1315        | 0.549               |
| 1860  | 7170    | 10927  | 252492 | <a href="#">Antonio Galves</a>                            |  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Statistics</a><br>Stochastic processes   statistical model selection   neural systems   | 26      | 12          | 0.462               | 48        | 16          | 0.333               | 2393     | 646         | 0.270               |
| 1861  | 7171    | 10929  | 252503 | <a href="#">Marcelo Fernandes Costa</a>                   |  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicofísica   Eletrofisiologia   Desenvolvimento Visual   Funções Visuais   Neurociências e Educação                           | 26      | 18          | 0.692               | 54        | 31          | 0.574               | 2392     | 1027        | 0.429               |
| 461   | 7172    | 10932  | 252530 | <a href="#">Virginia Scarpa</a>                           |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a>   | 26      | 15          | 0.577               | 40        | 19          | 0.475               | 2389     | 676         | 0.283               |
| 512   | 7173    | 10933  | 252547 | <a href="#">Celso Darío Ramos</a>                         |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Medicina Nuclear   | 26      | 19          | 0.731               | 60        | 36          | 0.600               | 2387     | 1156        | 0.484               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 82  | 7174    | 10934  | 252559 | <a href="#">Annibal Duarte Pereira Netto</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica  | 26      | 17          | 0.654               | 57        | 25          | 0.439               | 2386     | 1008        | 0.422               |
| 108   | 7174    | 10934  | 252559 | <a href="#">Jinyun Yuan</a>                             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Mathematics</a><br>Applied Mathematics   Optimization   Numerical Analysis  | 26      | 17          | 0.654               | 57        | 31          | 0.544               | 2386     | 1089        | 0.456               |
| 27  | 7176    | 10936  | 252563 | <a href="#">Miriam Borchardt</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">Business &amp; Management / Decision Science and Operations Management</a><br>operations   sistinability   social enterprise   | 26      | 17          | 0.654               | 52        | 34          | 0.654               | 2386     | 1476        | 0.619               |
| 6   | 7177    | 10937  | 252585 | <a href="#">Carlos Alberto Pérez</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Laboratorio Nacional de Luz Sincrotron</a>                 | <a href="#">Researcher at the Brazilian Synchrotron Light Laboratory - CNPEM</a><br>Plant Biology/Environment   Ecotoxicology/Nanotoxicology   Synchrotron Radiation Imaging   XRF/XAS | 26      | 15          | 0.577               | 83        | 31          | 0.373               | 2383     | 846         | 0.355               |
| 1862  | 7178    | 10939  | 252593 | <a href="#">Luiz Henrique Castro</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Epilepsy   Cognition   Neurology   | 26      | 16          | 0.615               | 48        | 29          | 0.604               | 2383     | 920         | 0.386               |
| 7   | 7179    | 10940  | 252598 | <a href="#">Paulo Eduardo Alencar Souza</a>             | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Minas Gerais</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia oral   Estomatologia   Imunologia celular   biologia molecular  | 26      | 19          | 0.731               | 41        | 28          | 0.683               | 2383     | 1040        | 0.436               |
| 280   | 7180    | 10941  | 252603 | <a href="#">Fernando Seffner</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Education / Education</a><br>Gênero   sexualidade   masculinidades   educação   ensino de história   | 26      | 17          | 0.654               | 61        | 36          | 0.590               | 2382     | 1318        | 0.553               |
| 462   | 7181    | 10942  | 252604 | <a href="#">Celia Regina Nogueira</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Thyroid   Molecular Biology   | 26      | 16          | 0.615               | 60        | 28          | 0.467               | 2382     | 964         | 0.405               |
| 9   | 7182    | 10943  | 252605 | <a href="#">FERNANDO GAIGER SILVEIRA</a>                | <br><a href="#">Brazil</a>  | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>               | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia   | 26      | 17          | 0.654               | 57        | 29          | 0.509               | 2382     | 925         | 0.388               |
| 1863  | 7183    | 10945  | 252676 | <a href="#">Graziella Eliza Ronsein</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   | 26      | 21          | 0.808               | 38        | 34          | 0.895               | 2376     | 1430        | 0.602               |
| 463   | 7184    | 10946  | 252688 | <a href="#">Marcelo Carvalho Minhoto Teixeira Filho</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição de Plantas   Adubos e Adubação   Fertilidade do Solo   | 26      | 21          | 0.808               | 65        | 57          | 0.877               | 2374     | 1798        | 0.757               |
| 83  | 7185    | 10947  | 252696 | <a href="#">Queiroz Alda Mesquita</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Livre</a><br>Ciências da educação   Metodologia   Didática   ensino  | 26      | 25          | 0.962               | 50        | 44          | 0.880               | 2373     | 1605        | 0.676               |
| 464   | 7186    | 10950  | 252738 | <a href="#">Reinaldo José Fazzio Feres</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Acarologia: Taxonomia e Sistemática   Biologia   Ecologia   | 26      | 14          | 0.538               | 75        | 29          | 0.387               | 2370     | 727         | 0.307               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 12         | 7187    | 10953  | 252820 | <a href="#">Homero Santiago Maciel</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>               | <a href="#">Natural Sciences / Physics</a><br>Plasmas e Descargas Elétricas   Tecnologia de Plasmas   Microeletrônica   Nanotecnologia   Turbina a Gás  | 26      | 17          | 0.654               | 71        | 38          | 0.535               | 2362     | 975         | 0.413               |
| 1864       | 7188    | 10955  | 252827 | <a href="#">Vitor Painelli</a>                          | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Nutrition   Sports Medicine   Sports Performance   Exercise Physiology   Exercise Biochemistry                          | 26      | 23          | 0.885               | 39        | 37          | 0.949               | 2362     | 1614        | 0.683               |
| 465        | 7189    | 10959  | 252892 | <a href="#">Francisco José Teixeira Neto</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary Anesthesia   Critical Care  | 26      | 16          | 0.615               | 50        | 33          | 0.660               | 2355     | 885         | 0.376               |
| 101        | 7190    | 10961  | 252895 | <a href="#">Jairo Tronto</a>                            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Compostos Lamelares   Sólidos Lamelares   Compostos de Intercalação   Hidróxidos Duplos Lamelares | 26      | 21          | 0.808               | 43        | 32          | 0.744               | 2355     | 1421        | 0.603               |
| 283        | 7191    | 10963  | 252912 | <a href="#">Fernanda Abreu</a>                          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">UFRJ</a>  | 26      | 21          | 0.808               | 45        | 41          | 0.911               | 2353     | 1258        | 0.535               |
| 466        | 7192    | 10965  | 252974 | <a href="#">Ana Cláudia Ruggieri</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>manejo de pastagens   forragicultura   gases de efeito estufa  | 26      | 18          | 0.692               | 69        | 34          | 0.493               | 2348     | 1222        | 0.520               |
| 513        | 7193    | 10967  | 253024 | <a href="#">Luiz Fernando Zagonel</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   Luminescence   2D Materials   Nanoparticles  | 26      | 19          | 0.731               | 51        | 37          | 0.725               | 2343     | 1131        | 0.483               |
| 26         | 7194    | 10969  | 253040 | <a href="#">Victor Hugo Vitorino Sarmiento</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>ciencias de materiais   processo sol gel   materiais hibridos organico inorganicos  | 26      | 21          | 0.808               | 53        | 42          | 0.792               | 2341     | 1288        | 0.550               |
| 467        | 7195    | 10971  | 253049 | <a href="#">Eduardo Hochuli Vieira</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cirurgia e Traumatologia Buco-Maxilo-Facial   biomateriais   implantes   cirurgia ortognática                                      | 26      | 18          | 0.692               | 62        | 35          | 0.565               | 2340     | 1057        | 0.452               |
| 1865       | 7196    | 10972  | 253060 | <a href="#">Katia Freitas Alvarenga</a>                 | <br><a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>Audiologia   Implante coclear   Eletrofisiologia  | 26      | 13          | 0.500               | 64        | 16          | 0.250               | 2339     | 696         | 0.298               |
| 174        | 7197    | 10973  | 253062 | <a href="#">Cristiano Noto</a>                          | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   Schizophrenia   First Episode Psychosis  | 26      | 23          | 0.885               | 50        | 43          | 0.860               | 2339     | 1826        | 0.781               |
| 284        | 7198    | 10975  | 253078 | <a href="#">Fábio César Sousa Nogueira</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Proteomics   plant proteomics   mass spectrometry  | 26      | 21          | 0.808               | 60        | 52          | 0.867               | 2337     | 1422        | 0.608               |
| 45         | 7199    | 10976  | 253118 | <a href="#">Geraldo Narciso Da Rocha Filho</a>          | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>BIOMASS   CATALYSIS   PHOTOCATALYSIS   MATERIALS  | 26      | 23          | 0.885               | 47        | 37          | 0.787               | 2334     | 1351        | 0.579               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 514   | 7200    | 10977  | 253122 | <a href="#">Lilian Rb Mariutti</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | natural pigments   bioaccessibility of bioactive compounds   carotenoids   oxidation  | 26    | 21          | 0.808               | 41    | 36          | 0.878               | 2334  | 1704        | 0.730               |
| 122   | 7201    | 10978  | 253133 | <a href="#">Eloisa Tudella</a>                      |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>fisioterapia em neuropediatria   fisioterapia em pediatria   desenvolvimento motor   síndrome de Down   paralisia cerebral                   | 26    | 19          | 0.731               | 66    | 38          | 0.576               | 2332  | 1055        | 0.452               |
| 153   | 7202    | 10979  | 253148 | <a href="#">Grace Tm Dal Sasso</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Intensive Care   Telenursing   Health Informatics   Predictive Models   Artificial Intelligence                                      | 26    | 18          | 0.692               | 61    | 35          | 0.574               | 2331  | 1145        | 0.491               |
| 1866  | 7203    | 10980  | 253165 | <a href="#">Ricardo Luís Barbosa</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">P</a><br>SEGURANÇA DO PACIENTE EM UTI   | 26    | 18          | 0.692               | 52    | 33          | 0.635               | 2330  | 1351        | 0.580               |
| 66  | 7204    | 10981  | 253176 | <a href="#">Márlon Herbert Flora Barbosa Soares</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Education / Education</a><br>Education/Ensino de Ciências   | 26    | 20          | 0.769               | 48    | 38          | 0.792               | 2329  | 1294        | 0.556               |
| 1867  | 7205    | 10983  | 253199 | <a href="#">Divane Vargas</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Addiction nursing   alcohol and alcoholism   psychiatric nursing   nurse's attitudes towards alcohol and other drugs   enfermagem em | 26    | 16          | 0.615               | 75    | 39          | 0.520               | 2326  | 1096        | 0.471               |
| 1868  | 7206    | 10985  | 253231 | <a href="#">Roseli Mieko Yamamoto Nomura</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Obstetrics   | 26    | 17          | 0.654               | 65    | 30          | 0.462               | 2324  | 913         | 0.393               |
| 1869  | 7207    | 10987  | 253242 | <a href="#">Aline Aparecida Monroe</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto P</a><br>Enfermagem em Saúde Publica   | 26    | 18          | 0.692               | 55    | 39          | 0.709               | 2323  | 1159        | 0.499               |
| 468   | 7208    | 10988  | 253243 | <a href="#">Julhiany De Fátima Da Silva</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 26    | 19          | 0.731               | 54    | 32          | 0.593               | 2323  | 1131        | 0.487               |
| 123   | 7209    | 10989  | 253253 | <a href="#">Janaina Braga Do Carmo</a>              |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">UFSCar</a><br>emissão de gases do efeito estufa   | 26    | 22          | 0.846               | 53    | 42          | 0.792               | 2322  | 1447        | 0.623               |
| 1870  | 7210    | 10991  | 253303 | <a href="#">Ellen Francine Barbosa</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Engenharia de Software   Ensino e Aprendizagem   | 26    | 16          | 0.615               | 63    | 32          | 0.508               | 2317  | 1092        | 0.471               |
| 469   | 7211    | 10995  | 253361 | <a href="#">Antonio S. De Castro</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 26    | 22          | 0.846               | 38    | 30          | 0.789               | 2311  | 1790        | 0.775               |
| 86  | 7212    | 10996  | 253368 | <a href="#">Adriano Maia Dos Santos</a>             |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | Saúde Bucal   Atenção Primária à Saúde   Estratégia Saúde da Família   Regionalização   Redes de Atenção à Saúde  | 26    | 19          | 0.731               | 52    | 41          | 0.788               | 2310  | 1238        | 0.536               |
| 81  | 7213    | 10998  | 253377 | <a href="#">Sonia Zanini Cechin</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Universidade Federal de Santa Maria</a>   | 26    | 16          | 0.615               | 64    | 33          | 0.516               | 2309  | 922         | 0.399               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 7214    | 11001  | 253398 | <a href="#">SR De Lazaro</a>                       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | DFT   surface   morphology   magnetism   optical  | 26      | 20          | 0.769               | 58        | 45          | 0.776               | 2307     | 1292        | 0.560               |
| 109   | 7215    | 11002  | 253419 | <a href="#">Bruno Cavalini Cavenago</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   | 26      | 25          | 0.962               | 39        | 33          | 0.846               | 2306     | 1442        | 0.625               |
| 175   | 7216    | 11003  | 253423 | <a href="#">Karin Zazo Ortiz</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">PaulistMedicina</a><br>Afásias   Demências   apraxias e disartrias...   | 26      | 17          | 0.654               | 65        | 26          | 0.400               | 2305     | 909         | 0.394               |
| 470   | 7217    | 11004  | 253425 | <a href="#">Florence Kerr Correa</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Psychiatry</a><br>alcohol   drugs   affective disorders   bipolar   depression                              | 26      | 12          | 0.462               | 50        | 15          | 0.300               | 2305     | 550         | 0.239               |
| 1871  | 7218    | 11005  | 253436 | <a href="#">Renata Rodrigues</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>prótese   implantes   materiais odontológicos  | 26      | 18          | 0.692               | 54        | 34          | 0.630               | 2304     | 1029        | 0.447               |
| 3   | 7219    | 11007  | 253462 | <a href="#">Marta Regina Kerntopf</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Regional do Cariri URCA</a>                   | <a href="#">EnfermagemRegionalCariri</a><br>Neurofisiologia   Farmacologia   Nocicepção   Gastroproteção   Inflamação                                 | 26      | 21          | 0.808               | 58        | 52          | 0.897               | 2301     | 1468        | 0.638               |
| 15  | 7220    | 11008  | 253473 | <a href="#">Flávio Garcia</a>                      | <br><a href="#">Brazil</a>   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Pesquisador do Centro Brasileiro de Pesquisas Físicas</a><br>magnetism  | 26      | 15          | 0.577               | 44        | 22          | 0.500               | 2300     | 730         | 0.317               |
| 285   | 7221    | 11009  | 253478 | <a href="#">Eduardo Santanna</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Orthodontics   osteogenesis distraction   MARPE   dental materials   mini-implants         | 26      | 20          | 0.769               | 50        | 31          | 0.620               | 2299     | 1138        | 0.495               |
| 24  | 7222    | 11012  | 253533 | <a href="#">Franco L Souza</a>                     | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Biological Science</a><br>biodiversity conservation   birds   freshwater turtles   urban ecology   ecosystems services | 26      | 19          | 0.731               | 57        | 31          | 0.544               | 2293     | 1217        | 0.531               |
| 305   | 7223    | 11014  | 253570 | <a href="#">Betania Paiva Drumond</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia   Genômica   Evolução   Biologia Molecular   Saúde pública                        | 26      | 20          | 0.769               | 50        | 44          | 0.880               | 2288     | 1441        | 0.630               |
| 471   | 7224    | 11019  | 253653 | <a href="#">Edson Luis Maistro</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Toxicológica   Mutagenese e Antimutagênese                            | 26      | 15          | 0.577               | 69        | 35          | 0.507               | 2280     | 861         | 0.378               |
| 15  | 7225    | 11020  | 253654 | <a href="#">Vicente José De Figueirêdo Freitas</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual do Ceará</a>                         | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução animal   transgênese   clonagem                                       | 26      | 13          | 0.500               | 64        | 26          | 0.406               | 2280     | 886         | 0.389               |
| 515   | 7226    | 11021  | 253663 | <a href="#">Ana Carolina Coan</a>                  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Pediatric Neurology</a><br>neuroimaging   epilepsy   child neurology  | 26      | 20          | 0.769               | 46        | 35          | 0.761               | 2280     | 1445        | 0.634               |
| 1872  | 7227    | 11026  | 253708 | <a href="#">Marcelo Camargo Batistuzzo</a>         | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Neuropsicologia   Neurociência cognitiva   Psiquiatria   Transtorno Obsessivo-Compulsivo  | 26      | 23          | 0.885               | 41        | 38          | 0.927               | 2276     | 1741        | 0.765               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9          | 7228    | 11029  | 253787 | <a href="#">Robert Morris</a>                           | <br>Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a> | <a href="#">Natural Sciences / Mathematics</a><br>Mathematics   Combinatorics   Probability  | 26      | 20          | 0.769               | 42        | 34          | 0.810               | 2269     | 1263        | 0.557               |
| 516        | 7229    | 11031  | 253793 | <a href="#">Ljubica Tasic</a>                           | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   NMR   | 26      | 23          | 0.885               | 56        | 45          | 0.804               | 2268     | 1750        | 0.772               |
| 281        | 7230    | 11032  | 253800 | <a href="#">Marilda Neutzling</a>                       | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a>  | 26      | 17          | 0.654               | 44        | 26          | 0.591               | 2268     | 702         | 0.310               |
| 119        | 7231    | 11034  | 253811 | <a href="#">Francisco AP Campos</a>                     | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>química de proteínas   biologia molecular de plantas                         | 26      | 12          | 0.462               | 47        | 19          | 0.404               | 2267     | 452         | 0.199               |
| 50         | 7232    | 11036  | 253866 | <a href="#">Eulália Maria Chaves Maia</a>               | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>      | <a href="#">Social Sciences / Psychology</a><br>Psicologia da Saúde-Hospitalar   Psicologia do Desenvolvimento Humano.               | 26      | 18          | 0.692               | 56        | 38          | 0.679               | 2261     | 1171        | 0.518               |
| 4          | 7233    | 11037  | 253877 | <a href="#">Rafael Linden</a>                           | <br>Brazil   | <a href="#">Universidade FEEVALE</a>                             | <a href="#">ToxicologiFeevale</a><br>toxicologia   análises toxicológicas   farmacogenética  | 26      | 20          | 0.769               | 64        | 48          | 0.750               | 2260     | 1484        | 0.657               |
| 1873       | 7234    | 11038  | 253907 | <a href="#">Mirian Bacchi</a>                           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">quantitativemethods</a><br>Quantitative methods  | 26      | 17          | 0.654               | 49        | 22          | 0.449               | 2258     | 923         | 0.409               |
| 73         | 7235    | 11039  | 253916 | <a href="#">Carlos Roberto Appoloni</a>                 | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>                | <a href="#">Natural Sciences / Physics</a><br>Applied Nuclear Physics  | 26      | 16          | 0.615               | 69        | 27          | 0.391               | 2257     | 921         | 0.408               |
| 124        | 7236    | 11041  | 253955 | <a href="#">Wilson Aires Ortiz</a>                      | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>               | <a href="#">Natural Sciences / Physics</a><br>Superconductivity   Vortex dynamics  | 26      | 15          | 0.577               | 66        | 24          | 0.364               | 2253     | 673         | 0.299               |
| 1874       | 7237    | 11043  | 253972 | <a href="#">Aparecida Yulie Yamamoto</a>                | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">MedicMedicRibeirÃfoPretoSÃfoÃfo!</a><br>Saúde materno infantil   infecções congênitas e perinatais                       | 26      | 17          | 0.654               | 35        | 25          | 0.714               | 2252     | 1001        | 0.444               |
| 26         | 7238    | 11044  | 253975 | <a href="#">Edvaldo Rosa</a>                            | <br>Brazil | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a> | Microbiology   Microbial Biotechnology   | 26      | 16          | 0.615               | 57        | 27          | 0.474               | 2251     | 845         | 0.375               |
| 1875       | 7239    | 11045  | 253988 | <a href="#">Juliana Stuginski Barbosa</a>               | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">UniversidSao Paulo</a><br>dor orofacial   disfuncao temporomandibular   cefaleia   dor neuropática                       | 26      | 22          | 0.846               | 48        | 42          | 0.875               | 2250     | 1611        | 0.716               |
| 74         | 7240    | 11046  | 253990 | <a href="#">Rosa Elisa Linhares</a>                     | <br>Brazil | <a href="#">Universidade Estadual de Londrina</a>                | <a href="#">Medical and Health Sciences / Virology</a><br>microbiology   virology  | 26      | 17          | 0.654               | 45        | 26          | 0.578               | 2250     | 1112        | 0.494               |
| 154        | 7241    | 11048  | 254007 | <a href="#">Daniel Vidal Pérez</a>                      | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>      | <a href="#">Pesquisador da Embrapa Solos; Docente PPGA da UFE; Pesquisador voluntário LSC/EGN</a><br>soil chemistry   soil pollution | 26      | 14          | 0.538               | 75        | 23          | 0.307               | 2248     | 874         | 0.389               |



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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 154        | 7242    | 11049  | 254012 | <a href="#">Acácio Antonio Ferreira Zielinski</a>                                   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering  | 26      | 22          | 0.846               | 49        | 47          | 0.959               | 2248     | 1811        | 0.806               |
| 9          | 7243    | 11050  | 254019 | <a href="#">Fp Missell</a>  |  Brazil   | <a href="#">Universidade de Caxias do Sul</a>                   | magnetic materials   | 26      | 10          | 0.385               | 68        | 11          | 0.162               | 2247     | 428         | 0.190               |
| 3          | 7244    | 11051  | 254020 | <a href="#">Alexandre Wagner Silva Hilsdorf</a>                                     |  Brazil   | <a href="#">Universidade do Mogi Das Cruzes UMC</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Fish Breeding   Conservation   Aquaculture                                 | 26      | 18          | 0.692               | 63        | 41          | 0.651               | 2247     | 1158        | 0.515               |
| 51         | 7245    | 11052  | 254034 | <a href="#">Mauricio Bomio</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Nanomateriais   Fotocatálise   Síntese química   Novos Materiais | 26      | 23          | 0.885               | 68        | 62          | 0.912               | 2245     | 1669        | 0.743               |
| 67         | 7246    | 11053  | 254038 | <a href="#">Orizon P Ferreira/Ferreira, Orizon Pereira, Orizon Pereira Ferreira</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Natural Sciences / Mathematics</a><br>Mathematics   Optimization   Mathematical Programming  | 26      | 17          | 0.654               | 46        | 36          | 0.783               | 2245     | 1167        | 0.520               |
| 84         | 7247    | 11054  | 254047 | <a href="#">Julio Cesar Martins Silva</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                 | eletroquímica   nanomateriais   catálise   degradação de poluentes.  | 26      | 22          | 0.846               | 52        | 44          | 0.846               | 2244     | 1345        | 0.599               |
| 1876       | 7248    | 11057  | 254097 | <a href="#">Michele Gouvêa</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatology   Viral hepatitis   HBV   HDV   Virology  | 26      | 19          | 0.731               | 53        | 37          | 0.698               | 2239     | 1488        | 0.665               |
| 1877       | 7249    | 11058  | 254101 | <a href="#">Karin Hermana Neppelenbroek</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Prótese   | 26      | 19          | 0.731               | 48        | 40          | 0.833               | 2239     | 1130        | 0.505               |
| 282        | 7250    | 11059  | 254110 | <a href="#">Eugenio Avila Pedrozo</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGS</a><br>Sustainability  | 26      | 14          | 0.538               | 57        | 22          | 0.386               | 2238     | 781         | 0.349               |
| 286        | 7251    | 11060  | 254120 | <a href="#">Tânia Wendt</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | Sistemática   Biologia Reprodutiva   Hibridização   Conservação  | 26      | 18          | 0.692               | 45        | 27          | 0.600               | 2237     | 780         | 0.349               |
| 102        | 7252    | 11061  | 254135 | <a href="#">Sukarno Ferreira</a>  |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanoestruturas   semicondutores   | 26      | 18          | 0.692               | 69        | 38          | 0.551               | 2235     | 1048        | 0.469               |
| 155        | 7253    | 11065  | 254199 | <a href="#">Marli Terezinha Stein Backes</a>  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Enfermagem</a><br>Saúde da mulher   Enfermagem Obstétrica   Aleitamento materno   Gestão do cuidado de enfermagem   Políticas públicas de saúde  | 26      | 18          | 0.692               | 55        | 38          | 0.691               | 2230     | 1293        | 0.580               |
| 1878       | 7254    | 11066  | 254237 | <a href="#">Rosilene Motta Elias</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Nephrology</a><br>nefrologia   diálise   sono   cardiovascular   nefrogeriatria                                    | 26      | 20          | 0.769               | 56        | 45          | 0.804               | 2225     | 1379        | 0.620               |
| 155        | 7255    | 11067  | 254256 | <a href="#">Antonio Pedro Da Silva Souza Filho</a>                                  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Pesquisador Embrapa</a><br>Alelopatia   ecologia química   bioativos   | 26      | 14          | 0.538               | 63        | 23          | 0.365               | 2223     | 864         | 0.389               |

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| University  | Country | Region | World  | Name                                   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 175   | 7256    | 11068  | 254270 | <a href="#">Norma Lucena-Silva</a>     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunogenética   Pesquisa Clínica   | 26      | 18          | 0.692               | 54        | 24          | 0.444               | 2222     | 840         | 0.378               |
| 472   | 7257    | 11069  | 254271 | <a href="#">Vera Borges</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">MediciBotucatu</a><br>medicina   | 26      | 18          | 0.692               | 53        | 30          | 0.566               | 2222     | 1258        | 0.566               |
| 137   | 7258    | 11071  | 254299 | <a href="#">Laila Salmen Espindola</a> |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Natural product   Control of the Aedes aegypti mosquito                | 26      | 18          | 0.692               | 45        | 36          | 0.800               | 2220     | 973         | 0.438               |
| 75  | 7259    | 11072  | 254316 | <a href="#">Sueli Ogatta</a>           |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | Microbiology   | 26      | 19          | 0.731               | 56        | 38          | 0.679               | 2217     | 1229        | 0.554               |
| 65  | 7260    | 11073  | 254318 | <a href="#">Rita Mattiello</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   Public health   | 26      | 20          | 0.769               | 51        | 42          | 0.824               | 2217     | 1475        | 0.665               |
| 176   | 7261    | 11075  | 254343 | <a href="#">Fábio Cardoso Cruz</a>     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   | 26      | 18          | 0.692               | 35        | 25          | 0.714               | 2215     | 1090        | 0.492               |
| 1879  | 7262    | 11076  | 254383 | <a href="#">Elizabeth Ann Veasey</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética ecológica   Genética de populações   Genética evolutiva   Diversidade genética | 26      | 17          | 0.654               | 67        | 35          | 0.522               | 2210     | 958         | 0.433               |
| 1880  | 7263    | 11077  | 254390 | <a href="#">Jean Claude M Peko</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Ciência de Materiais e Física da Matéria Condensada  | 26      | 20          | 0.769               | 49        | 31          | 0.633               | 2210     | 1377        | 0.623               |
| 110   | 7264    | 11078  | 254397 | <a href="#">Carlos Sanquetta</a>       |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Engineering &amp; Technology / Engineering</a><br>Mudanças climáticas   Florestas  | 26      | 10          | 0.385               | 65        | 10          | 0.154               | 2209     | 510         | 0.231               |
| 1881  | 7265    | 11079  | 254401 | <a href="#">Ginaldo Campanha</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Ciências da Terra   Geologia   Tectônica   Geologia Estrutural   Geotectônica                 | 26      | 18          | 0.692               | 58        | 33          | 0.569               | 2208     | 1104        | 0.500               |
| 138   | 7266    | 11081  | 254412 | <a href="#">Eduardo Yoshio Nakano</a>  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">UniversidBrasília (UnB)</a><br>Estatística   Bioestatística  | 26      | 20          | 0.769               | 57        | 43          | 0.754               | 2207     | 1420        | 0.643               |
| 56  | 7267    | 11082  | 254413 | <a href="#">Ronald Zanetti</a>         |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Entomologia   Manejo de Pragas   Biologia da conservação   | 26      | 13          | 0.500               | 57        | 20          | 0.351               | 2207     | 867         | 0.393               |
| 36  | 7268    | 11083  | 254418 | <a href="#">Paul G Kinas</a>           |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                     | <a href="#">Natural Sciences / Mathematics</a><br>Análise Bayesiana   Estatística Ambiental   Inferência em Populações Finitas                                 | 26      | 19          | 0.731               | 48        | 30          | 0.625               | 2207     | 828         | 0.375               |
| 517   | 7269    | 11086  | 254453 | <a href="#">Marcos H Degani</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | Propriedades eletrônicas e de transporte de nanosistemas   | 26      | 8           | 0.308               | 56        | 7           | 0.125               | 2204     | 267         | 0.121               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 139   | 7270    | 11087  | 254468 | <a href="#">Robert NG Miller</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant pathogen interaction  | 26      | 19          | 0.731               | 58        | 38          | 0.655               | 2202     | 1052        | 0.478               |
| 1882  | 7271    | 11088  | 254489 | <a href="#">Paolo Piccione</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geometria Diferencial  | 26      | 13          | 0.500               | 75        | 19          | 0.253               | 2200     | 629         | 0.286               |
| 473   | 7272    | 11089  | 254500 | <a href="#">Virginia Sanches Uieda</a>       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Aquatic ecosystems   Aquatic macroinvertebrates   Freshwater fish  | 26      | 13          | 0.500               | 38        | 21          | 0.553               | 2200     | 522         | 0.237               |
| 176   | 7273    | 11090  | 254552 | <a href="#">Salvatore Giovanni De Simone</a> | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">FIOCRUZ, Center of Technological Development in Health (CDTS)</a><br>Molecular immunology   Epitopes   diagnostic   Neglected diseases                            | 26      | 14          | 0.538               | 52        | 27          | 0.519               | 2194     | 1000        | 0.456               |
| 10  | 7274    | 11093  | 254625 | <a href="#">Deonir De Toni</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Caxias do Sul</a>                          | <a href="#">Business &amp; Management / Marketing</a><br>Desempenho de Mercado e Organizacional   Estratégia de Preço e Inovação em Marketing                                 | 26      | 17          | 0.654               | 61        | 37          | 0.607               | 2187     | 1318        | 0.603               |
| 1883  | 7275    | 11094  | 254626 | <a href="#">Ines Pereyra</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   Materiais   Sensores   | 26      | 8           | 0.308               | 53        | 7           | 0.132               | 2187     | 334         | 0.153               |
| 4   | 7276    | 11097  | 254673 | <a href="#">Yzel Rondon Suárez</a>           | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Community Ecology   Fish Ecology   Stream Fish Ecology   Fish Biology  | 26      | 18          | 0.692               | 64        | 42          | 0.656               | 2182     | 1264        | 0.579               |
| 125   | 7277    | 11098  | 254687 | <a href="#">José Carlos Casagrande</a>       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">oloSÃO Carlos Campus Araras</a><br>adsorção de ânions e metais pesados pelo solo   modelos de índice de qualidade do solo   química do solo   fertilidade do solo | 26      | 14          | 0.538               | 48        | 22          | 0.458               | 2181     | 591         | 0.271               |
| 1884  | 7278    | 11100  | 254698 | <a href="#">Ricardo Gorayeb</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia e Saúde  | 26      | 16          | 0.615               | 47        | 25          | 0.532               | 2180     | 877         | 0.402               |
| 27  | 7279    | 11102  | 254734 | <a href="#">Andreia Malucelli</a>            | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Ontologies   Software Engineering   Software Quality                             | 26      | 19          | 0.731               | 54        | 31          | 0.574               | 2177     | 1156        | 0.531               |
| 48  | 7280    | 11103  | 254747 | <a href="#">Cibele Crispim</a>               | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Sono e Ritmos Biológicos  | 26      | 22          | 0.846               | 42        | 36          | 0.857               | 2176     | 1475        | 0.678               |
| 518   | 7281    | 11104  | 254772 | <a href="#">Aureo Yamada</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Reproduction   immunology   oxidative stress   pregnancy  | 26      | 14          | 0.538               | 43        | 20          | 0.465               | 2174     | 589         | 0.271               |
| 1885  | 7282    | 11105  | 254779 | <a href="#">Adilson Yoshio Furuse</a>        | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a>   | 26      | 20          | 0.769               | 55        | 41          | 0.745               | 2173     | 1270        | 0.584               |
| 474   | 7283    | 11106  | 254811 | <a href="#">João Lima Santanna Neto</a>      | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Geography</a><br>Geography   Climatology   | 26      | 16          | 0.615               | 56        | 30          | 0.536               | 2169     | 1084        | 0.500               |
| 177   | 7284    | 11107  | 254830 | <a href="#">Bruno Dallagiovanna</a>          | <br><a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   | 26      | 16          | 0.615               | 53        | 29          | 0.547               | 2167     | 839         | 0.387               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 111   | 7285    | 11108  | 254850 | <a href="#">Maristela Panobianco</a>            | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Seed Technology   | 26    | 16          | 0.615               | 48    | 27          | 0.563               | 2166  | 751         | 0.347               |
| 6   | 7286    | 11109  | 254880 | <a href="#">Glauber Henrique De Sousa Nunes</a> | <br>Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFERSA</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   | 26    | 15          | 0.577               | 72    | 29          | 0.403               | 2163  | 870         | 0.402               |
| 1886  | 7287    | 11110  | 254890 | <a href="#">Luiz Carlos Casteletti</a>          | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia de Superfícies   Manufatura Aditiva  | 26    | 18          | 0.692               | 49    | 31          | 0.633               | 2163  | 966         | 0.447               |
| 519   | 7288    | 11111  | 254956 | <a href="#">Alberto Saa</a>                     | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Mathematics</a><br>General Relativity   Nonlinear Dynamics   Mathematical Physics  | 26    | 15          | 0.577               | 58    | 22          | 0.379               | 2155  | 726         | 0.337               |
| 19  | 7289    | 11112  | 254980 | <a href="#">Anderson Zanardi Freitas</a>        | <br>Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>  | <a href="#">Nuclear and Energy Research Institute, IPEN-CNEN/SP</a><br>optical coherence tomography   laser   optics  | 26    | 18          | 0.692               | 45    | 27          | 0.600               | 2152  | 941         | 0.437               |
| 156   | 7290    | 11113  | 255013 | <a href="#">Gabriel Moura Mascarin</a>          | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Environment</a><br>biological control   entomopathogens   fermentation   formulation   baculoviruses  | 26    | 22          | 0.846               | 56    | 51          | 0.911               | 2148  | 1778        | 0.828               |
| 1887  | 7291    | 11116  | 255080 | <a href="#">Pedro Gnaspini</a>                  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Comportamento Animal  | 26    | 13          | 0.500               | 58    | 20          | 0.345               | 2140  | 584         | 0.273               |
| 283   | 7292    | 11120  | 255156 | <a href="#">Angela Foerster</a>                 | <br>Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>physics   integrable systems   cold atoms   | 26    | 13          | 0.500               | 64    | 21          | 0.328               | 2131  | 607         | 0.285               |
| 1888  | 7293    | 11121  | 255176 | <a href="#">Fausto Bruno Dos Reis Almeida</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirao Preto Medical .of Sao Paulo</a><br>Microbiology   Biochemistry   Immunology   Molecular and Cellular Biology   Infectious Diseases                   | 26    | 22          | 0.846               | 47    | 42          | 0.894               | 2129  | 1707        | 0.802               |
| 287   | 7294    | 11122  | 255195 | <a href="#">Maria Jose Pacifico</a>             | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">RioJaneiro</a><br>Dynamical Systems   Generic Dynamics   Attractors Lorenz like   | 26    | 11          | 0.423               | 40    | 16          | 0.400               | 2128  | 563         | 0.265               |
| 288   | 7295    | 11126  | 255233 | <a href="#">Bernard Range</a>                   | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          |   | 26    | 15          | 0.577               | 52    | 21          | 0.404               | 2124  | 723         | 0.340               |
| 1   | 7296    | 11127  | 255242 | <a href="#">Rodrigo Costa Da Silva</a>          | <br>Brazil | <a href="#">Universidade do Oeste Paulista UNOESTE</a>          | <a href="#">Medical and Health Sciences / Microbiology</a><br>Zoonoses   saúde pública   epidemiologia   medicina veterinária preventiva   patologia clínica veterinária  | 26    | 16          | 0.615               | 66    | 34          | 0.515               | 2123  | 967         | 0.455               |
| 12  | 7297    | 11128  | 255251 | <a href="#">Romulo Leite</a>                    | <br>Brazil | <a href="#">Universidade Federal de Ouro Preto UFOP</a>         | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia cardiovascular   farmacologia clínica   disfunção erétil masculina   disfunção sexual feminina | 26    | 12          | 0.462               | 36    | 15          | 0.417               | 2123  | 422         | 0.199               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 87  | 7298    | 11132  | 255366 | <a href="#">Chaves Scl</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                               | saúde bucal   política de saúde   saúde pública  | 26      | 17          | 0.654               | 50        | 36          | 0.720               | 2111     | 1104        | 0.523               |
| 1889  | 7299    | 11134  | 255395 | <a href="#">Carmen Lúcia Cardoso</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Social Sciences / Psychology</a><br>Psicologia da Saúde   Saúde da família   saúde mental  | 26      | 19          | 0.731               | 52        | 36          | 0.692               | 2108     | 1036        | 0.491               |
| 284   | 7300    | 11135  | 255396 | <a href="#">Jose Roberto Iglesias</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>Physics   Complex Systems   Kondo systems   econophysics   | 26      | 13          | 0.500               | 51        | 18          | 0.353               | 2108     | 490         | 0.232               |
| 57  | 7301    | 11136  | 255415 | <a href="#">Thiago Bernardes</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>                         | silage making   silage production   forage conservation  | 26      | 18          | 0.692               | 52        | 31          | 0.596               | 2106     | 1114        | 0.529               |
| 1890  | 7302    | 11137  | 255445 | <a href="#">Gilberto Fernando Xavier</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a>   | 26      | 15          | 0.577               | 53        | 20          | 0.377               | 2103     | 669         | 0.318               |
| 68  | 7303    | 11138  | 255447 | <a href="#">Pedro Paulo Chaves De Souza</a>       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Goiás</a><br>osteoimmunology   biomaterials   bone biology   | 26      | 17          | 0.654               | 39        | 29          | 0.744               | 2103     | 951         | 0.452               |
| 98  | 7304    | 11139  | 255468 | <a href="#">Ana Adelina Winkler Hechenleitner</a> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Polímeros e Nanomateriais   Membranas de Ultrafiltração                                   | 26      | 19          | 0.731               | 37        | 27          | 0.730               | 2101     | 931         | 0.443               |
| 177   | 7305    | 11140  | 255487 | <a href="#">Marcelo Visentini Kitahara</a>        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Anthozoa Systematics and Evolution</a><br>Anthozoa Systematics and Evolution   | 26      | 21          | 0.808               | 48        | 37          | 0.771               | 2099     | 1357        | 0.646               |
| 1891  | 7306    | 11141  | 255494 | <a href="#">Mariangela Macchione</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>atmospheric air pollution   biology   cell culture   cell signaling | 26      | 16          | 0.615               | 54        | 31          | 0.574               | 2098     | 820         | 0.391               |
| 13  | 7307    | 11143  | 255504 | <a href="#">Carlos Alberto Alves Cairo</a>        | <br><a href="#">Brazil</a>  | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                    | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Engenharia de Materiais  | 26      | 17          | 0.654               | 45        | 27          | 0.600               | 2097     | 780         | 0.372               |
| 66  | 7308    | 11144  | 255519 | <a href="#">Andre Arigony</a>                     | <br><a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>resveratrol   vino   sondas  | 26      | 15          | 0.577               | 43        | 25          | 0.581               | 2095     | 650         | 0.310               |
| 64  | 7309    | 11145  | 255529 | <a href="#">Lena Geise</a>                        | <br><a href="#">Brazil</a> | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Natural Sciences / Biological Science</a><br>evolução de mamíferos   biogeografia   sistemática   taxonomia                                      | 26      | 15          | 0.577               | 60        | 29          | 0.483               | 2093     | 715         | 0.342               |
| 285   | 7310    | 11148  | 255544 | <a href="#">Regis A Zanette</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">RioGrandeSul</a><br>Microbiology   Pharmacology  | 26      | 17          | 0.654               | 68        | 42          | 0.618               | 2092     | 1114        | 0.533               |
| 120   | 7311    | 11149  | 255545 | <a href="#">Sebastião Medeiros Filho</a>          | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Tecnologiasementes</a><br>Sementes   | 26      | 13          | 0.500               | 56        | 24          | 0.429               | 2092     | 677         | 0.324               |


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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 121        | 7312    | 11151  | 255570 | <a href="#">Maria Valderez Ponte Rocha</a>              |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química e Bioprocessos  | 26      | 23          | 0.885               | 40        | 38          | 0.950               | 2090     | 1451        | 0.694               |
| 5          | 7313    | 11152  | 255575 | <a href="#">Jose Carlos Souza</a>                       |  Brazil   | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>            | <a href="#">MatoGrossodoSul</a><br>medicina   | 26      | 16          | 0.615               | 57        | 25          | 0.439               | 2089     | 863         | 0.413               |
| 1892       | 7314    | 11156  | 255608 | <a href="#">Delia Rita Tapia Blácido</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Engenharia de Alimentos   Tecnologia de Alimentos   | 26      | 23          | 0.885               | 34        | 33          | 0.971               | 2086     | 1376        | 0.660               |
| 520        | 7315    | 11157  | 255612 | <a href="#">Celia Marisa Rizzatti Barbosa</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Protese   Toxina Botulinica  | 26      | 20          | 0.769               | 52        | 27          | 0.519               | 2085     | 1074        | 0.515               |
| 46         | 7316    | 11158  | 255623 | <a href="#">Rauquirio Marinho Da Costa</a>              |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Marine Biology   Plankton   Hydrological variables   | 26      | 15          | 0.577               | 70        | 31          | 0.443               | 2084     | 888         | 0.426               |
| 85         | 7317    | 11159  | 255625 | <a href="#">Guilherme Goncalves Sotelo</a>              |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">University</a><br>Applied Superconductivity   | 26      | 16          | 0.615               | 52        | 36          | 0.692               | 2084     | 1107        | 0.531               |
| 289        | 7318    | 11160  | 255637 | <a href="#">Marcia Cristina Nascimento Dourado</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Geriatrics</a><br>geriatric psychiatry   psychiatry   psychology   neuropsychology                                    | 26      | 22          | 0.846               | 61        | 49          | 0.803               | 2083     | 1496        | 0.718               |
| 521        | 7319    | 11161  | 255649 | <a href="#">Michelle Franz Montan</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>anestésicos locais   anestesia tópica   mucosa bucal   sistemas mucoadesivos   drug delivery systems | 26      | 21          | 0.808               | 50        | 42          | 0.840               | 2082     | 1391        | 0.668               |
| 475        | 7320    | 11162  | 255671 | <a href="#">Chiavacci La</a>                            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Nanotecnologia   biomateriais   diagnóstico   | 26      | 19          | 0.731               | 45        | 34          | 0.756               | 2080     | 1332        | 0.640               |
| 476        | 7321    | 11163  | 255687 | <a href="#">Luciane H Gargalioni</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology  | 26      | 16          | 0.615               | 62        | 34          | 0.548               | 2078     | 1018        | 0.490               |
| 1893       | 7322    | 11165  | 255695 | <a href="#">Luiz Eugênio Garcez Leme</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicida</a><br>Geriatría   Gerontologia   Ortopediatria   Ensino Medico  | 26      | 17          | 0.654               | 39        | 27          | 0.692               | 2078     | 841         | 0.405               |
| 1894       | 7323    | 11166  | 255701 | <a href="#">Beltramini LM</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Biofísica Molecular   Biologia Molecular Estrutural   Educação em Ciências   Difusão Científica                   | 26      | 14          | 0.538               | 51        | 17          | 0.333               | 2077     | 594         | 0.286               |
| 47         | 7324    | 11167  | 255712 | <a href="#">Luiza Helena Meller Da Silva</a>            |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos  | 26      | 19          | 0.731               | 43        | 32          | 0.744               | 2076     | 1338        | 0.645               |
| 28         | 7325    | 11168  | 255717 | <a href="#">Renata Guimarães Netto</a>                  |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | Ichnology   paleoecology   taphonomy   stratigraphy   sedimentology   | 26      | 18          | 0.692               | 53        | 35          | 0.660               | 2075     | 1039        | 0.501               |



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| University  | Country | Region | World  | Name  | Country  | University                                       | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1895  | 7326    | 11171  | 255754 | <a href="#">Sheila Friedrich Faraj</a>      |  Brazil   | Universidade de São Paulo USP                    | <a href="#">Medical and Health Sciences / Pathology</a>   | 26      | 21          | 0.808               | 42        | 39          | 0.929               | 2072     | 1472        | 0.710               |
| 306   | 7327    | 11173  | 255795 | <a href="#">Lydia Maria Lobato</a>          |  Brazil   | Universidade Federal de Minas Gerais UFMG        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>economic geology   metallogeny   | 26      | 18          | 0.692               | 53        | 32          | 0.604               | 2067     | 1031        | 0.499               |
| 1896  | 7328    | 11176  | 255849 | <a href="#">Carla Pagliari</a>              |  Brazil   | Universidade de São Paulo USP                    | <a href="#">UniversidSÁo Paulo</a><br>infectious diseases   | 26      | 15          | 0.577               | 54        | 31          | 0.574               | 2061     | 842         | 0.409               |
| 1897  | 7329    | 11177  | 255857 | <a href="#">Fanly Fungyi Chow Ho</a>        |  Brazil   | Universidade de São Paulo USP                    | <a href="#">Natural Sciences / Biological Science</a><br>applied phycology and physiology   stress physiology   uses and functional prospectation   bioactivity and antioxidant   mariculture | 26      | 20          | 0.769               | 57        | 42          | 0.737               | 2060     | 1305        | 0.633               |
| 307   | 7330    | 11178  | 255862 | <a href="#">Alexandre L Godinho</a>         |  Brazil   | Universidade Federal de Minas Gerais UFMG        | <a href="#">Natural Sciences / Biological Science</a><br>Fisheries conservation and management  | 26      | 13          | 0.500               | 42        | 15          | 0.357               | 2060     | 537         | 0.261               |
| 76  | 7331    | 11179  | 255874 | <a href="#">Phileno Pingé Filho</a>         |  Brazil   | Universidade Estadual de Londrina                | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology  | 26      | 18          | 0.692               | 51        | 38          | 0.745               | 2058     | 1176        | 0.571               |
| 286   | 7332    | 11183  | 255943 | <a href="#">Geraldo Soares</a>              |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS  | <a href="#">Natural Sciences / Biological Science</a><br>Morfologia e Anatomia Vegetal   Fitoquímica   Evolução   Ecologia Química e Sistemática Química de Plantas.                          | 26      | 18          | 0.692               | 54        | 33          | 0.611               | 2051     | 998         | 0.487               |
| 42  | 7333    | 11184  | 255955 | <a href="#">Anderson Schwingel Ribeiro</a>  |  Brazil   | Universidade Federal de Pelotas UFPEL            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Metrologia Química   Instrumentação Analítica   Espectrometria Atômica  | 26      | 15          | 0.577               | 51        | 26          | 0.510               | 2049     | 792         | 0.387               |
| 1898  | 7334    | 11186  | 255999 | <a href="#">Eliane C Miotto</a>             |  Brazil   | Universidade de São Paulo USP                    | <a href="#">Medical and Health Sciences / Neurology</a><br>Neuropsychology   Neuroscience   Neuroimaging   Neurology  | 26      | 17          | 0.654               | 42        | 28          | 0.667               | 2044     | 843         | 0.412               |
| 1899  | 7335    | 11187  | 256011 | <a href="#">Omero Benedicto Poli Neto</a>   |  Brazil   | Universidade de São Paulo USP                    | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Ginecologia   dor pélvica crônica  | 26      | 18          | 0.692               | 52        | 35          | 0.673               | 2043     | 1105        | 0.541               |
| 156   | 7336    | 11188  | 256064 | <a href="#">Rafael Diego Rosa</a>           |  Brazil | Universidade Federal de Santa Catarina UFSC      | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>marine invertebrate immunity   antimicrobial peptides   intestinal immunity   host-microbe interaction      | 26      | 20          | 0.769               | 41        | 35          | 0.854               | 2037     | 1270        | 0.623               |
| 18  | 7337    | 11190  | 256079 | <a href="#">Evandro Bona</a>                |  Brazil | Universidade Tecnológica Federal do Paraná UTFPR | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>aprendizagem de máquina   espectroscopia   café   nariz eletrônico   | 26      | 21          | 0.808               | 54        | 44          | 0.815               | 2035     | 1419        | 0.697               |
| 287   | 7338    | 11191  | 256091 | <a href="#">Dalva Maria Pereira Padilha</a> |  Brazil | Universidade Federal do Rio Grande do Sul UFRGS  | <a href="#">RioGrandeSul</a><br>Saúde do Idoso   Saúde Bucal   Odontogeriatrics   | 26      | 17          | 0.654               | 43        | 24          | 0.558               | 2034     | 811         | 0.399               |
| 1900  | 7339    | 11192  | 256094 | <a href="#">Sabri Saeed Sanabani</a>        |  Brazil | Universidade de São Paulo USP                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular biology  | 26      | 16          | 0.615               | 56        | 29          | 0.518               | 2033     | 826         | 0.406               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 67  | 7340    | 11193  | 256098 | <a href="#">Thiago Wendt Viola</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Social Sciences / Psychology</a><br>Neurodevelopment   Systematic Literature Reviews   Epigenetics   Substance Use Disorder                                   | 26      | 20          | 0.769               | 45        | 41          | 0.911               | 2033     | 1469        | 0.723               |
| 1901  | 7341    | 11194  | 256132 | <a href="#">Victor Rivelles</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Physics   | 26      | 10          | 0.385               | 56        | 12          | 0.214               | 2028     | 386         | 0.190               |
| 112   | 7342    | 11196  | 256137 | <a href="#">Paulo HG Zarbin</a>             |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">UFPR</a><br>Natural Sciences / Chemical Ecology / Organic Synthesis   | 26      | 14          | 0.538               | 69        | 25          | 0.362               | 2027     | 790         | 0.390               |
| 1902  | 7343    | 11197  | 256152 | <a href="#">Celia Regina Montes</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geociências   pedologia   mineralogia de solos   argilas   | 26      | 19          | 0.731               | 44        | 33          | 0.750               | 2026     | 965         | 0.476               |
| 1903  | 7344    | 11198  | 256155 | <a href="#">Fernando Sérgio Zucoloto</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>aspectos evolutivos de nutrição e comportamento alimentar  | 26      | 10          | 0.385               | 64        | 10          | 0.156               | 2025     | 403         | 0.199               |
| 308   | 7345    | 11200  | 256203 | <a href="#">Gabriel AP Franco</a>           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Physics</a><br>astronomy   | 26      | 16          | 0.615               | 43        | 18          | 0.419               | 2019     | 695         | 0.344               |
| 65  | 7346    | 11202  | 256242 | <a href="#">Elizabeth Andrade Marques</a>   |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   | 26      | 18          | 0.692               | 48        | 30          | 0.625               | 2014     | 784         | 0.389               |
| 522   | 7347    | 11203  | 256257 | <a href="#">Jacqueline M Lopes De Faria</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>oftalmologia   retinopatia diabética   inflamação   estresse oxidativo   alvo terapêutico                  | 26      | 16          | 0.615               | 36        | 22          | 0.611               | 2013     | 781         | 0.388               |
| 157   | 7348    | 11204  | 256264 | <a href="#">Patricia Faria Di Pietro</a>    |  Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   | 26      | 18          | 0.692               | 36        | 27          | 0.750               | 2012     | 953         | 0.474               |
| 1904  | 7349    | 11205  | 256268 | <a href="#">Wamberto Antonio Varanda</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Biophysics</a><br>Biofísica   Eletrofisiologia Celular   Canais iônicos   Secreção   Transmissão Sináptica                      | 26      | 12          | 0.462               | 45        | 15          | 0.333               | 2011     | 488         | 0.243               |
| 477   | 7350    | 11207  | 256286 | <a href="#">Mariza Akemi Matsumoto</a>      |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Reparo ósseo   biomateriais   enxertos ósseos  | 26      | 17          | 0.654               | 49        | 31          | 0.633               | 2009     | 760         | 0.378               |
| 5   | 7351    | 11209  | 256309 | <a href="#">José Tavares De Sousa</a>       |  Brazil | <a href="#">Universidade Estadual da Paraíba UEPB</a>                       | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Engenharia Sanitária   saneamento Ambiental   saneamento básico   reúso de água | 26      | 14          | 0.538               | 56        | 25          | 0.446               | 2006     | 704         | 0.351               |
| 37  | 7352    | 11210  | 256314 | <a href="#">Melissa Orzechowski Xavier</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                     | <a href="#">deMedicinRioGrande</a><br>Micologia   | 26      | 20          | 0.769               | 49        | 34          | 0.694               | 2006     | 1183        | 0.590               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 16         | 7353    | 11211  | 256319 | <a href="#">Marcelo Franchin</a>                        | <br>Brazil   | Universidade Federal de Alfenas UNIFAL-MG              | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Produtos naturais   Inflamação   | 26      | 23          | 0.885               | 40        | 39          | 0.975               | 2006     | 1703        | 0.849               |
| 478        | 7354    | 11212  | 256326 | <a href="#">Jose Buratini</a>                           | <br>Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho |   | 26      | 18          | 0.692               | 51        | 28          | 0.549               | 2005     | 828         | 0.413               |
| 27         | 7355    | 11213  | 256350 | <a href="#">Luciane Romão</a>                           | <br>Brazil   | Universidade Federal de Sergipe UFS                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica ambiental   remediação ambiental  | 26      | 21          | 0.808               | 43        | 37          | 0.860               | 2003     | 1287        | 0.643               |
| 1905       | 7356    | 11214  | 256359 | <a href="#">Carlos Augusto Morales Rodriguez</a>        | <br>Brazil   | Universidade de São Paulo USP                          | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorologia   Atmospheric Science   Thunderstorm   Precipitation  | 26      | 15          | 0.577               | 36        | 22          | 0.611               | 2002     | 702         | 0.351               |
| 140        | 7357    | 11215  | 256369 | <a href="#">Carlos JS Alvarenga</a>                     | <br>Brazil   | Universidade de Brasília UNB                           | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geoscience   | 26      | 17          | 0.654               | 29        | 23          | 0.793               | 2000     | 735         | 0.368               |
| 1906       | 7358    | 11216  | 256373 | <a href="#">Jose Carlos Motta Junior</a>                | <br>Brazil   | Universidade de São Paulo USP                          | <a href="#">SÃO Paulo</a><br>Bird ecology   | 26      | 14          | 0.538               | 47        | 18          | 0.383               | 1999     | 572         | 0.286               |
| 99         | 7359    | 11217  | 256376 | <a href="#">Marcílio Hubner Miranda Neto</a>            | <br>Brazil   | Universidade Estadual de Maringá                       | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomia Humana   Plasticidade Neural   Educação Fiscal   Cronobiologia  | 26      | 9           | 0.346               | 64        | 9           | 0.141               | 1998     | 298         | 0.149               |
| 86         | 7360    | 11218  | 256388 | <a href="#">Eliane Pedra Dias</a>                       | <br>Brazil   | Universidade Federal Fluminense                        | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia  | 26      | 17          | 0.654               | 55        | 31          | 0.564               | 1997     | 924         | 0.463               |
| 1907       | 7361    | 11219  | 256389 | <a href="#">João Eduardo Ferreira</a>                   | <br>Brazil   | Universidade de São Paulo USP                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>database systems   process-aware information systems   transaction processing   big data and live knowlege                                     | 26      | 15          | 0.577               | 50        | 25          | 0.500               | 1997     | 815         | 0.408               |
| 16         | 7362    | 11220  | 256391 | <a href="#">Cleide De Abreu</a>                         | <br>Brazil | Instituto Agrônomo                                     | <a href="#">Pesquisadora científica, Instituto Agrônomo, Campinas, São Paulo</a><br>micronutrientes em solo e planta   contaminação do solo por metais pesados  | 26      | 14          | 0.538               | 43        | 21          | 0.488               | 1997     | 735         | 0.368               |
| 10         | 7363    | 11221  | 256406 | <a href="#">Henrique Bursztyjn</a>                      | <br>Brazil | Instituto Nacional de Matematica Pura e Aplicada       | <a href="#">Professor, Instituto de Matematica Pura e Aplicada</a><br>Mathematics: Symplectic and Poisson geometry  | 26      | 15          | 0.577               | 36        | 22          | 0.611               | 1995     | 649         | 0.325               |
| 1908       | 7364    | 11222  | 256407 | <a href="#">Augusto Hasiak Santo</a>                    | <br>Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Mortalidade   Causas de morte   Causas múltiplas de morte   Causa-multipla-de-morte   Processamento automático de causas de morte | 26      | 11          | 0.423               | 34        | 13          | 0.382               | 1995     | 431         | 0.216               |
| 178        | 7365    | 11223  | 256416 | <a href="#">Vitor Oliveira</a>                          | <br>Brazil | Universidade Federal de São Paulo UNIFESP              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 26      | 16          | 0.615               | 48        | 31          | 0.646               | 1993     | 849         | 0.426               |
| 49         | 7366    | 11226  | 256456 | <a href="#">Denis C Oliveira</a>                        | <br>Brazil | Universidade Federal de Uberlândia                     | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Anatomy   Plant Development   Plant-interaction   Plant gall   Photosynthesis   | 26      | 21          | 0.808               | 44        | 38          | 0.864               | 1989     | 1279        | 0.643               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 32  | 7367    | 11227  | 256472 | <a href="#">Gustavo Morari Do Nascimento</a>             | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanoscience   chemistry   nanotubes   spectroscopy  | 26      | 13          | 0.500               | 42        | 25          | 0.595               | 1988     | 623         | 0.313               |
| 1909  | 7368    | 11228  | 256483 | <a href="#">Izabel Cristina Freitas Moraes</a>           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | rheology   biopolymer   emulsion   fruit   drying   | 26      | 22          | 0.846               | 43        | 41          | 0.953               | 1987     | 1556        | 0.783               |
| 479   | 7369    | 11231  | 256504 | <a href="#">Claudio José Von Zuben</a>                   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | Population dynamics   mathematical modelling   ecological interactions in insects   | 26      | 11          | 0.423               | 64        | 13          | 0.203               | 1984     | 498         | 0.251               |
| 87  | 7370    | 11237  | 256541 | <a href="#">Fabio Da Aarao Reis</a>                      | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                         | <a href="#">Natural Sciences / Physics</a><br>Physics   Materials Science   Geoscience   Environmental Science   Statistical Mechanics                                    | 26      | 11          | 0.423               | 62        | 16          | 0.258               | 1980     | 582         | 0.294               |
| 288   | 7371    | 11238  | 256550 | <a href="#">Ignacio Benites Moreno</a>                   | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Biological Science</a><br>Systematics   Biogeography   Conservation   Human-wildlife interactions  | 26      | 17          | 0.654               | 38        | 27          | 0.711               | 1980     | 884         | 0.446               |
| 48  | 7372    | 11241  | 256612 | <a href="#">Beth Yamada</a>                              | <br>Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                       | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   endocrinologia  | 26      | 14          | 0.538               | 39        | 16          | 0.410               | 1972     | 714         | 0.362               |
| 126   | 7373    | 11243  | 256627 | <a href="#">Luis Augusto Martins Ruotolo</a>             | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>engenharia eletroquímica   eletroquímica ambiental   eletrossorção   adsorção   fotoeletrocatalise | 26      | 18          | 0.692               | 40        | 31          | 0.775               | 1970     | 1263        | 0.641               |
| 26  | 7374    | 11244  | 256629 | <a href="#">Deborah Guerra Barroso</a>                   | <br>Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>forest   | 26      | 15          | 0.577               | 63        | 27          | 0.429               | 1969     | 716         | 0.364               |
| 50  | 7375    | 11245  | 256647 | <a href="#">Ana Clara Cardoso De Souza</a>               | <br>Brazil  | <a href="#">Universidade Federal de Uberlândia</a>                      | <a href="#">Education / Education</a><br>Educação   | 26      | 12          | 0.462               | 46        | 22          | 0.478               | 1967     | 638         | 0.324               |
| 1910  | 7376    | 11246  | 256649 | <a href="#">Juliana Pfrimer Falcão</a>                   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>microbiologia   | 26      | 22          | 0.846               | 40        | 31          | 0.775               | 1967     | 1110        | 0.564               |
| 103   | 7377    | 11249  | 256669 | <a href="#">Renildes Lucio Ferreira Fontes</a>           | <br>Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                      | <a href="#">ProfessorSolos</a><br>Fertilidade do solo   Nutrição de Plantas   Meio Ambiente   Elementos Traços na Agricultura   | 26      | 15          | 0.577               | 48        | 23          | 0.479               | 1964     | 680         | 0.346               |
| 523   | 7378    | 11250  | 256677 | <a href="#">Brunno Machado De Campos Brunno M Campos</a> | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Physics</a><br>Neuroimaging   MRI   Neurophysics   Neurosciences   | 26      | 24          | 0.923               | 46        | 43          | 0.935               | 1962     | 1525        | 0.777               |
| 1911  | 7379    | 11251  | 256687 | <a href="#">Tania Marcourakis</a>                        | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociência  | 26      | 17          | 0.654               | 47        | 33          | 0.702               | 1960     | 900         | 0.459               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 309        | 7380    | 11255  | 256732 | <a href="#">Maria Helena Araujo</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise   Química de Organometálicos   Lantanídeos   Química Ambiental                                       | 26      | 18          | 0.692               | 52        | 33          | 0.635               | 1954     | 841         | 0.430               |
| 49         | 7381    | 11257  | 256741 | <a href="#">Ivaldo Leão Ferreira</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">Natural Sciences / Physics</a><br>Alloy Solidification   Fluid Mechanics   Computational Thermodynamics   Thermophysical Properties   Solid State Physics | 26      | 16          | 0.615               | 43        | 31          | 0.721               | 1953     | 821         | 0.420               |
| 1912       | 7382    | 11259  | 256764 | <a href="#">Dante Migliari</a>                          | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>oral potentially malignant disorders   | 26      | 14          | 0.538               | 48        | 26          | 0.542               | 1950     | 647         | 0.332               |
| 1913       | 7383    | 11260  | 256780 | <a href="#">Alessandra Lopes De Oliveira</a>            | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Engineering   High Pressure Proseses  | 26      | 21          | 0.808               | 47        | 41          | 0.872               | 1948     | 1264        | 0.649               |
| 17         | 7384    | 11261  | 256781 | <a href="#">Eduardo Costa De Figueiredo</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>química analítica   análises toxicológicas   preparo de amostras   reconhecimento molecular   farmácia        | 26      | 19          | 0.731               | 47        | 37          | 0.787               | 1948     | 1060        | 0.544               |
| 141        | 7385    | 11262  | 256783 | <a href="#">Heibbe Cristhian B De Oliveira</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Física e Química  | 26      | 19          | 0.731               | 45        | 31          | 0.689               | 1948     | 1050        | 0.539               |
| 5          | 7386    | 11263  | 256785 | <a href="#">Ivana Grivicich</a>                         | <br><a href="#">Brazil</a>   | <a href="#">Universidade Luterana do Brasil ULBRA</a>                      |   | 26      | 15          | 0.577               | 35        | 24          | 0.686               | 1948     | 775         | 0.398               |
| 51         | 7387    | 11264  | 256796 | <a href="#">Andrea Seixas Magalhães</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | Família   Casal   Psicologia Clínica  | 26      | 17          | 0.654               | 64        | 38          | 0.594               | 1946     | 1035        | 0.532               |
| 290        | 7388    | 11265  | 256798 | <a href="#">Ana Acacia Pinheiro</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Bioquímica de Microorganismos  | 26      | 17          | 0.654               | 58        | 39          | 0.672               | 1946     | 1045        | 0.537               |
| 158        | 7389    | 11266  | 256800 | <a href="#">Maria Juracy Filgueiras Toneli</a>          | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">UFSC</a><br>estudos de gênero   teorias feministas   teoria queer   sexualidades   interseccionalidade  | 26      | 15          | 0.577               | 55        | 26          | 0.473               | 1946     | 838         | 0.431               |
| 291        | 7390    | 11267  | 256802 | <a href="#">Marcio De Souza Soares De Almeida</a>       | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Engenharia Civil  | 26      | 18          | 0.692               | 41        | 28          | 0.683               | 1946     | 927         | 0.476               |
| 88         | 7391    | 11269  | 256815 | <a href="#">Milena Barcza Stockler Pinto</a>            | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   | 26      | 20          | 0.769               | 39        | 35          | 0.897               | 1944     | 1277        | 0.657               |
| 524        | 7392    | 11270  | 256830 | <a href="#">Selma Giorgio</a>                           | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Imunoparasitologia   | 26      | 15          | 0.577               | 53        | 30          | 0.566               | 1941     | 776         | 0.400               |
| 77         | 7393    | 11271  | 256843 | <a href="#">Ivete Conchon Costa</a>                     | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Imunologia   Patologia  | 26      | 21          | 0.808               | 56        | 44          | 0.786               | 1939     | 1321        | 0.681               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 480        | 7394    | 11272  | 256847 | <a href="#">Maria Célia Portella</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquaculture   Fish larvae feeding and nutrition   Fish larvae ontogeny   Aquaponics                      | 26      | 17          | 0.654               | 49        | 32          | 0.653               | 1939     | 881         | 0.454               |
| 1914       | 7395    | 11273  | 256863 | <a href="#">Felipe Perecin</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | Emryo development   epigenetics   cattle   cumulus-oocyte interactions   oocyte competence   | 26      | 18          | 0.692               | 56        | 38          | 0.679               | 1936     | 1110        | 0.573               |
| 38         | 7396    | 11274  | 256894 | <a href="#">Valerio Garrone Barauna</a>                 |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                         | <a href="#">Medical and Health Sciences / Physiology</a><br>Biomarcadores de dano muscular   Espectroscopia clinica   FTIR   cfDNA                                 | 26      | 19          | 0.731               | 34        | 31          | 0.912               | 1933     | 1160        | 0.600               |
| 104        | 7397    | 11277  | 256935 | <a href="#">Afranio Rodrigues Pereira</a>               |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                             | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter physics and Quantum Field Theory  | 26      | 14          | 0.538               | 58        | 23          | 0.397               | 1927     | 673         | 0.349               |
| 82         | 7398    | 11278  | 256937 | <a href="#">Marina Copetti</a>                          |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                       | Microbiology   | 26      | 24          | 0.923               | 50        | 44          | 0.880               | 1927     | 1302        | 0.676               |
| 525        | 7399    | 11279  | 256947 | <a href="#">Alexandre Gori Maia</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economic Demography   Environmental Economics   Social Economics                                       | 26      | 21          | 0.808               | 49        | 42          | 0.857               | 1926     | 1356        | 0.704               |
| 289        | 7400    | 11280  | 256959 | <a href="#">VL Eifler Lima</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>síntese orgânica   química medicinal   drug design   química combinatoria                                  | 26      | 17          | 0.654               | 54        | 34          | 0.630               | 1925     | 1060        | 0.551               |
| 159        | 7401    | 11281  | 256965 | <a href="#">Giovanni F Caramori</a>                     |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Computational chemistry   Quantum Chemistry   chemical bonding   non-covalent interactions                 | 26      | 20          | 0.769               | 60        | 44          | 0.733               | 1924     | 1133        | 0.589               |
| 58         | 7402    | 11283  | 256985 | <a href="#">Franklin Delano Soares Forte</a>            |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                           | UNIVERSIDA<br>SAÚDE COLETIVA   | 26      | 17          | 0.654               | 57        | 32          | 0.561               | 1920     | 1149        | 0.598               |
| 2          | 7403    | 11284  | 256995 | <a href="#">Juliana Celestino</a>                       |  Brazil | <a href="#">Universidade Federal de Integração Luso Afro Brasileira UNILAB</a> | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Interdisciplinar   | 26      | 14          | 0.538               | 52        | 21          | 0.404               | 1918     | 602         | 0.314               |
| 526        | 7404    | 11285  | 257002 | <a href="#">Celio Hiratuka</a>                          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Economics &amp; Econometrics / Economics</a><br>international economics   development economics  | 26      | 16          | 0.615               | 53        | 22          | 0.415               | 1917     | 814         | 0.425               |
| 310        | 7405    | 11286  | 257005 | <a href="#">Danusa Dias Soares</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia do Exercício   Fisiologia   Educação Física   Atividade Física e Saúde   Nutrição Esportiva | 26      | 16          | 0.615               | 48        | 32          | 0.667               | 1916     | 1096        | 0.572               |



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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 292        | 7406    | 11287  | 257056 | <a href="#">Paulo Cesar De Paiva</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Zoology   Marine Ecology   Phylogeography                                      | 26      | 15          | 0.577               | 62        | 34          | 0.548               | 1909     | 834         | 0.437               |
| 527        | 7407    | 11288  | 257082 | <a href="#">Anamarli Nucci</a>                          |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Neurologia   Neuromuscular disorders...  | 26      | 18          | 0.692               | 55        | 31          | 0.564               | 1905     | 867         | 0.455               |
| 25         | 7408    | 11289  | 257110 | <a href="#">Valdir Souza Ferreira</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroanalítica  | 26      | 18          | 0.692               | 59        | 37          | 0.627               | 1901     | 907         | 0.477               |
| 179        | 7409    | 11290  | 257133 | <a href="#">Miriam Jasiulionis</a>                      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                      |  | 26      | 16          | 0.615               | 45        | 29          | 0.644               | 1898     | 926         | 0.488               |
| 142        | 7410    | 11291  | 257148 | <a href="#">Carlos Kleber Z Andrade</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Reações multicomponentes   Síntese Orgânica   Química Verde  | 26      | 14          | 0.538               | 42        | 22          | 0.524               | 1896     | 578         | 0.305               |
| 3          | 7411    | 11292  | 257162 | <a href="#">Thiago Moura De Araújo</a>                  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Integração Luso Afro Brasileira UNILAB</a> | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Nursing   health technologies   stomatherapy   wounds and health education                | 26      | 16          | 0.615               | 47        | 32          | 0.681               | 1894     | 1044        | 0.551               |
| 4          | 7412    | 11293  | 257166 | <a href="#">Xirley Pereira Nunes</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Vale do São Francisco UNIVASF</a>          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Fitoquímica   Biotecnologia   Química de Produtos Naturais   Fitoterapia | 26      | 17          | 0.654               | 33        | 28          | 0.848               | 1894     | 863         | 0.456               |
| 18         | 7413    | 11294  | 257172 | <a href="#">Tatiana Porto</a>                           |  <a href="#">Brazil</a>  | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>enzimas   biotecnologia   bioquímica   | 26      | 17          | 0.654               | 56        | 42          | 0.750               | 1891     | 1058        | 0.559               |
| 157        | 7414    | 11295  | 257173 | <a href="#">Fernando Hercos Valicente</a>               |  <a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                    | <a href="#">Pesquisador Embrapa Milho e Sorgo</a><br>Controle Biológico/Patologia de Insetos/transgênicos  | 26      | 16          | 0.615               | 53        | 31          | 0.585               | 1891     | 793         | 0.419               |
| 311        | 7415    | 11297  | 257195 | <a href="#">Rodrigo Lassarote Lavall</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>supercapacitors   lithium ion batteries   carbon nanotube   graphene   gel polymer electrolytes          | 26      | 21          | 0.808               | 40        | 34          | 0.850               | 1888     | 1085        | 0.575               |
| 78         | 7416    | 11298  | 257203 | <a href="#">Marcell Alysson Batisti Lozovoy</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Londrina</a>                              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia Clínica   Diagnóstico molecular   polimorfismos genéticos                                 | 26      | 21          | 0.808               | 53        | 46          | 0.868               | 1886     | 1329        | 0.705               |
| 6          | 7417    | 11300  | 257241 | <a href="#">Juliana Trindade Clemente Napimoga</a>      |  <a href="#">Brazil</a> | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>                   | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   Orofacial Pain   Inflammation   Temporomandibular Joint                                 | 26      | 20          | 0.769               | 46        | 42          | 0.913               | 1881     | 1088        | 0.578               |
| 1915       | 7418    | 11301  | 257250 | <a href="#">Thomas Ong</a>                              |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Developmental programming   Breast Cancer   Nutrigenomics                | 26      | 17          | 0.654               | 42        | 28          | 0.667               | 1880     | 863         | 0.459               |













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| University | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 290        | 7419    | 11303  | 257265 | <a href="#">Alberto E Schaeffer Filho</a>               |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Network management   security and resilience of networks   programmable networks   policy-based management | 26      | 20          | 0.769               | 51        | 33          | 0.647               | 1878     | 1135        | 0.604               |
| 1916       | 7420    | 11307  | 257289 | <a href="#">Delmar Muniz Lourenço Junior</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">FMPHCFMPeICESP</a><br>Neoplasias endócrinas múltiplas   | 26      | 18          | 0.692               | 40        | 28          | 0.700               | 1876     | 869         | 0.463               |
| 1917       | 7421    | 11310  | 257348 | <a href="#">Ana Maria Laus</a>                          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Ribeirão Preto</a><br>enfermagem   administração de serviços de saúde   recursos humanos de enfermagem  | 26      | 19          | 0.731               | 41        | 32          | 0.780               | 1866     | 1047        | 0.561               |
| 28         | 7422    | 11312  | 257373 | <a href="#">Enilton A Camargo</a>                       |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Natural Products   Inflammation   Pain                                 | 26      | 16          | 0.615               | 55        | 37          | 0.673               | 1862     | 965         | 0.518               |
| 1918       | 7423    | 11314  | 257390 | <a href="#">Lilia De Souza Nogueira</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   |   | 26      | 18          | 0.692               | 44        | 32          | 0.727               | 1860     | 1190        | 0.640               |
| 1919       | 7424    | 11315  | 257391 | <a href="#">Alice Cristina Rodrigues</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacology</a><br>microRNAs   obesity   diabetes   pharmacogenomics   | 26      | 18          | 0.692               | 42        | 27          | 0.643               | 1860     | 823         | 0.442               |
| 6          | 7425    | 11316  | 257412 | <a href="#">Antonio Jose Grande</a>                     |  Brazil   | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>     | <a href="#">MatoGrossodoSul</a><br>Atividade física/exercício físico   Revisão Sistemática   Metanálise   Ensaio Clínico Randomizado  | 26      | 21          | 0.808               | 51        | 41          | 0.804               | 1857     | 1455        | 0.784               |
| 1          | 7426    | 11317  | 257423 | <a href="#">Ăşnio Leandro Machado</a>                   |  Brazil   | <a href="#">Universidade de Santa Cruz do Sul UNISC</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Ambiental e Tecnologias Limpas  | 26      | 23          | 0.885               | 45        | 36          | 0.800               | 1855     | 1416        | 0.763               |
| 143        | 7427    | 11318  | 257467 | <a href="#">Claire Nain Lunardi</a>                     |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>nanotechnology   chemistry   photochemistry   nanobiotechnology   | 26      | 12          | 0.462               | 43        | 22          | 0.512               | 1848     | 663         | 0.359               |
| 100        | 7428    | 11320  | 257490 | <a href="#">Toledo Mjo</a>                              |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Biologia Molecular   Saúde Coletiva   | 26      | 14          | 0.538               | 53        | 21          | 0.396               | 1844     | 620         | 0.336               |
| 43         | 7429    | 11321  | 257494 | <a href="#">Fernanda Faot</a>                           |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">UniversidPelotas</a><br>Prótese Dentária   Implantodontia   Gerodontologia  | 26      | 22          | 0.846               | 53        | 45          | 0.849               | 1843     | 1370        | 0.743               |
| 160        | 7430    | 11324  | 257512 | <a href="#">Maiana Farias Oliveira Nunes</a>            |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Social Sciences / Psychology</a><br>Avaliação psicológica   orientação profissional e de carreira   psicometria   | 26      | 14          | 0.538               | 42        | 24          | 0.571               | 1839     | 737         | 0.401               |
| 291        | 7431    | 11326  | 257534 | <a href="#">Patricia Ziegelmann</a>                     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Metanálise   Avaliação de Tecnologias em Saúde  | 26      | 25          | 0.962               | 44        | 42          | 0.955               | 1834     | 1566        | 0.854               |
| 1          | 7432    | 11328  | 257553 | <a href="#">Spencer Luiz Marques Payao</a>              |  Brazil | <a href="#">Faculdade de Medicina de Marília</a>                | <a href="#">MedicinMarília</a><br>Doença de Alzheimer   Helicobacter pylori   Doenças cromossômicas e Terapia Celular.  | 26      | 16          | 0.615               | 51        | 29          | 0.569               | 1830     | 724         | 0.396               |
| 1920       | 7433    | 11330  | 257568 | <a href="#">Enrique Boccardo</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Virology</a><br>Cell transformation   Viral carcinogenesis   oncogenes and tumor suppressors  | 26      | 19          | 0.731               | 40        | 35          | 0.875               | 1827     | 987         | 0.540               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4   | 7434    | 11332  | 257579 | <a href="#">Emanuella Silva Joventino</a>   |  Brazil   | <a href="#">Universidade Federal de Integração Luso Afro Brasileira UNILAB</a> | <a href="#">Saúde Integrada e Interdisciplinar</a><br>Enfermagem  | 26      | 18          | 0.692               | 54        | 36          | 0.667               | 1823     | 1111        | 0.609               |
| 293   | 7435    | 11334  | 257606 | <a href="#">Renata Libonati</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Universidade Federal do Rio de Janeiro</a>  | 26      | 23          | 0.885               | 40        | 37          | 0.925               | 1820     | 1444        | 0.793               |
| 481   | 7436    | 11336  | 257614 | <a href="#">Carlos Magno CB Fortaleza</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Tropicais e Imunologia</a><br>Epidemiologia   Doenças Infecciosas   Epistemologia   Filosofia da Ciência  | 26      | 19          | 0.731               | 55        | 45          | 0.818               | 1818     | 1129        | 0.621               |
| 127   | 7437    | 11337  | 257624 | <a href="#">Fernando Campanhã Vicentini</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                             | <a href="#">Ciências Naturais e Saúde</a><br>Eletoanalítica   sensores   biossensores   nanomateriais   | 26      | 22          | 0.846               | 37        | 31          | 0.838               | 1817     | 1276        | 0.702               |
| 79  | 7438    | 11338  | 257639 | <a href="#">Andre Luis Laforga Vanzela</a>  |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Vegetal   | 26      | 13          | 0.500               | 57        | 19          | 0.333               | 1813     | 691         | 0.381               |
| 292   | 7439    | 11340  | 257658 | <a href="#">Dennis Russowsky</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese Orgânica   Catálise   Reações Multicomponente   Moléculas Bioativas   Cancer                | 26      | 15          | 0.577               | 41        | 23          | 0.561               | 1809     | 715         | 0.395               |
| 10  | 7440    | 11341  | 257662 | <a href="#">Maria Helena Barbosa</a>        |  Brazil   | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>                 | <a href="#">Triângulo Mineiro UFTM</a><br>Enfermagem   segurança do paciente   dor aguda pós operatório   centro cirúrgico                                  | 26      | 19          | 0.731               | 61        | 39          | 0.639               | 1808     | 1107        | 0.612               |
| 482   | 7441    | 11342  | 257666 | <a href="#">Angelo Berchieri Junior</a>     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Ornitopatologia FCAV</a><br>Salmonella   salmoneloses aviárias  | 26      | 17          | 0.654               | 52        | 26          | 0.500               | 1807     | 756         | 0.418               |
| 58  | 7442    | 11344  | 257678 | <a href="#">Khalid Haddi</a>                |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Entomology   Ecotoxicology   Insect molecular biology   insecticide resistance   IPM | 26      | 25          | 0.962               | 39        | 38          | 0.974               | 1805     | 1607        | 0.890               |
| 1921  | 7443    | 11345  | 257687 | <a href="#">Marcelo Firmino De Oliveira</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Forensic Medicine</a><br>drug analysis   electrochemical sensors   forensic chemistry                             | 26      | 17          | 0.654               | 56        | 29          | 0.518               | 1803     | 909         | 0.504               |
| 144   | 7444    | 11346  | 257690 | <a href="#">Muriel Bauermann Gubert</a>     |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                   | <a href="#">UNIVERSIDADE DE BRASILIA</a>  | 26      | 21          | 0.808               | 46        | 39          | 0.848               | 1803     | 1296        | 0.719               |
| 1922  | 7445    | 11347  | 257692 | <a href="#">Cibele Maria Prado</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Anatomia   Patologia   Histologia   Fisiologia   | 26      | 16          | 0.615               | 32        | 26          | 0.813               | 1803     | 692         | 0.384               |
| 28  | 7446    | 11349  | 257718 | <a href="#">Rodrigo Nunes Rached</a>        |  Brazil | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Dental Materials   Prosthodontics  | 26      | 17          | 0.654               | 39        | 30          | 0.769               | 1797     | 765         | 0.426               |

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| University  | Country | Region | World  | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1923  | 7447    | 11351  | 257751 | <a href="#">Estela Maria Plastino</a>              | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>fisiologia  | 26      | 13          | 0.500               | 52        | 18          | 0.346               | 1790     | 557         | 0.311               |
| 312   | 7448    | 11352  | 257762 | <a href="#">Denise Maria Trombert Oliveira</a>     | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Morfologia Vegetal   Estrutura de Órgãos Reprodutivos  | 26      | 13          | 0.500               | 55        | 24          | 0.436               | 1786     | 625         | 0.350               |
| 294   | 7449    | 11353  | 257772 | <a href="#">Breno Pinheiro Jacob</a>               | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">PEC/COPPE/UFRJ</a>   | 26      | 13          | 0.500               | 52        | 23          | 0.442               | 1784     | 681         | 0.382               |
| 1924  | 7450    | 11354  | 257788 | <a href="#">Thais Helena Gasparoto</a>             | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÁfo Paulo</a><br>Inflamação  | 26      | 17          | 0.654               | 33        | 28          | 0.848               | 1781     | 753         | 0.423               |
| 1925  | 7451    | 11355  | 257797 | <a href="#">Raja Junaid Amjad</a>                  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Solid State Physics   Nanophotonics   Plasmonics   Materials Science   | 26      | 20          | 0.769               | 39        | 34          | 0.872               | 1778     | 947         | 0.533               |
| 295   | 7452    | 11358  | 257813 | <a href="#">Guilherme Santoro Lopes</a>            | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectious Diseases   Transplantation   | 26      | 14          | 0.538               | 40        | 19          | 0.475               | 1773     | 550         | 0.310               |
| 69  | 7453    | 11359  | 257820 | <a href="#">Ricardo Neves Marreto</a>              | <br>Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Tecnologia Farmacêutica  | 26      | 23          | 0.885               | 52        | 46          | 0.885               | 1771     | 1327        | 0.749               |
| 1926  | 7454    | 11361  | 257828 | <a href="#">Eliria Mja Pallone</a>                 | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais   Nanocompósitos   Sinterização   Compósitos de matriz cerâmica   moagem de alta energia | 26      | 17          | 0.654               | 41        | 26          | 0.634               | 1770     | 895         | 0.506               |
| 528   | 7455    | 11362  | 257836 | <a href="#">CB Collares Buzato</a>                 | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Cell-Cell and Cell-Matrix Interaction   Cell Adhesion and Communication   Epithelial Barrier   Endocrine Pancreas                | 26      | 14          | 0.538               | 45        | 24          | 0.533               | 1768     | 671         | 0.380               |
| 529   | 7456    | 11363  | 257849 | <a href="#">Denise Engelbrecht Zantut Wittmann</a> | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>endocrinologia   tireóide   diabetes mellitus  | 26      | 19          | 0.731               | 38        | 26          | 0.684               | 1764     | 889         | 0.504               |
| 113   | 7457    | 11364  | 257853 | <a href="#">Wanderson Duarte Darocha</a>           | <br>Brazil  | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   Functional Genomics   Parasite:Host interactions  | 26      | 15          | 0.577               | 33        | 22          | 0.667               | 1763     | 626         | 0.355               |
| 483   | 7458    | 11366  | 257874 | <a href="#">JM Hoff Da Silva</a>                   | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Teoria de Campos e Gravitação  | 26      | 17          | 0.654               | 48        | 32          | 0.667               | 1755     | 846         | 0.482               |
| 296   | 7459    | 11367  | 257887 | <a href="#">Elizabeth Roditi Lachter</a>           | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 26      | 15          | 0.577               | 46        | 22          | 0.478               | 1752     | 683         | 0.390               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 293   | 7460    | 11373  | 258003 | <a href="#">Larissa Bobermin</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">PósdocRioGrandeSul</a><br>Neuroquímica   Neurociências   Bioquímica  | 26    | 19          | 0.731               | 43    | 37          | 0.860               | 1713  | 1061        | 0.619               |
| 18  | 7461    | 11374  | 258005 | <a href="#">Carla Speroni Ceron</a>   |  Brazil   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>       | <a href="#">UNIFALMG</a>   | 26    | 18          | 0.692               | 35    | 29          | 0.829               | 1713  | 864         | 0.504               |
| 7   | 7462    | 11375  | 258021 | <a href="#">André Barciela Veras</a>  |  Brazil   | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>     | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   Esquizofrenia   Saude Mental   Depressão   Ansiedade   | 26    | 17          | 0.654               | 42    | 27          | 0.643               | 1705  | 827         | 0.485               |
| 12  | 7463    | 11376  | 258029 | <a href="#">Jaqueline Da Silva Generoso</a>   |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>   | Neuroimunologia   neuroinflamação  | 26    | 17          | 0.654               | 51    | 40          | 0.784               | 1700  | 1084        | 0.638               |
| 26  | 7464    | 11377  | 258038 | <a href="#">Silvio Assis De Oliveira Júnior</a>   |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>      | <a href="#">Medical and Health Sciences / Cardiology</a><br>Exercício Físico e Saúde   Esporte   Fisioterapia  | 26    | 18          | 0.692               | 47    | 39          | 0.830               | 1695  | 931         | 0.549               |
| 1927  | 7465    | 11379  | 258053 | <a href="#">Wesley Augusto Conde Godoy</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology of insects   Theoretical ecology   Ecological Modelling   | 26    | 11          | 0.423               | 46    | 14          | 0.304               | 1691  | 335         | 0.198               |
| 178   | 7466    | 11381  | 258090 | <a href="#">Cristina Toscano Fonseca</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Centro de Pesquisas René Rachou - Fiocruz</a>  | 26    | 14          | 0.538               | 40    | 24          | 0.600               | 1678  | 622         | 0.371               |
| 179   | 7467    | 11384  | 258128 | <a href="#">Elen Mello De Souza</a>   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   microbiologia   imunologia   | 26    | 12          | 0.462               | 34    | 16          | 0.471               | 1663  | 457         | 0.275               |
| 51  | 7468    | 11385  | 258143 | <a href="#">Rosineide Marques Ribas</a>   |  Brazil  | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   doenças infecciosas   genética de microrganismos   infecção hospitalar   epidemiologia molecular | 26    | 22          | 0.846               | 39    | 31          | 0.795               | 1657  | 1101        | 0.664               |
| 25  | 7469    | 11387  | 258179 | <a href="#">Eduardo Marcos Rodrigues Dos Passos</a>   |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>          | <a href="#">Natural Sciences / Physics</a><br>Physics  | 26    | 17          | 0.654               | 41    | 34          | 0.829               | 1642  | 788         | 0.480               |
| 1928  | 7470    | 11388  | 258181 | <a href="#">Danilo L Menaldo</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacology and Toxicology</a><br>Toxinologia   Toxinas animais   Toxicologia   Bioquímica  | 26    | 21          | 0.808               | 41    | 34          | 0.829               | 1641  | 914         | 0.557               |
| 89  | 7471    | 11390  | 258218 | <a href="#">Andrea Alice Da Silva</a>   |  Brazil | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Biomarker   Neuroimmunology   | 26    | 18          | 0.692               | 37    | 29          | 0.784               | 1624  | 737         | 0.454               |
| 122   | 7472    | 11393  | 258254 | <a href="#">Bruno Anderson Matias Da Rocha</a>  |  Brazil | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biofísica   | 26    | 14          | 0.538               | 59    | 40          | 0.678               | 1590  | 780         | 0.491               |
| 33  | 7473    | 11395  | 258339 | <a href="#">Antonio Alvaro Ranha Neves</a>   <a href="#">Antonio A. R. Neves</a> , <a href="#">Antonio R. Neves</a> , <a href="#">Antonio Neves</a> |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">Natural Sciences / Physics</a><br>Physics   Optical Tweezers   Optical Trapping   Optical Forces   Nanotechnology  | 26    | 16          | 0.615               | 33    | 21          | 0.636               | 1478  | 634         | 0.429               |













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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1929       | 7474    | 11396  | 258352 | <a href="#">Álvaro J Santos Neto</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Cromatografia   Espectrometria de Massas   Química Verde   Preparo de Amostras   Miniaturização                                      | 26      | 18          | 0.692               | 44        | 32          | 0.727               | 1439     | 825         | 0.573               |
| 530        | 7475    | 11397  | 258355 | <a href="#">Abouzar Mirzaei Paiaman</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Carbon Sequestration   Reservoir Engineering   EOR   Optimization   Machine learning                                 | 26      | 20          | 0.769               | 37        | 34          | 0.919               | 1434     | 1054        | 0.735               |
| 297        | 7476    | 11398  | 258367 | <a href="#">Rejane Correa Marques</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>saude e ambiente   materno-infantil  | 26      | 17          | 0.654               | 36        | 26          | 0.722               | 1386     | 629         | 0.454               |
| 11         | 7477    | 11399  | 258414 | <a href="#">Welington Demelo</a>                        |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>       | <a href="#">IMPA</a><br>Dynamical Systems  | 25      | 14          | 0.560               | 40        | 19          | 0.475               | 28172    | 4598        | 0.163               |
| 1930       | 7478    | 11401  | 258440 | <a href="#">Sergio Timerman</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiologia  | 25      | 20          | 0.800               | 52        | 28          | 0.538               | 19809    | 15509       | 0.783               |
| 1931       | 7479    | 11408  | 258583 | <a href="#">Andréia Machado Leopoldino *</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>marcadores tumorais   câncer   HNSCC   sinalização celular   instabilidade genômica  | 25      | 19          | 0.760               | 42        | 32          | 0.762               | 11051    | 6495        | 0.588               |
| 313        | 7480    | 11409  | 258655 | <a href="#">Leandro M Malard</a>                        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>Optical Spectroscopy   Two-dimensional Materials   | 25      | 19          | 0.760               | 38        | 33          | 0.868               | 9366     | 4651        | 0.497               |
| 298        | 7481    | 11411  | 258697 | <a href="#">Alan Jeferson De Oliveira Da Silva</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Engineering</a><br>Mobilidade urbana   Bilhete Único   Integração tarifária   SIG   | 25      | 17          | 0.680               | 62        | 24          | 0.387               | 8785     | 7629        | 0.868               |
| 299        | 7482    | 11413  | 258741 | <a href="#">Beatriz Blanco Siffert</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Physics</a>   | 25      | 20          | 0.800               | 38        | 25          | 0.658               | 8391     | 1897        | 0.226               |
| 484        | 7483    | 11417  | 258883 | <a href="#">Alecsandro De Moura Silva</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">UNIVERSIDAESTADUALPAULISTAJULIOMESQUITFILHOICT/</a><br>Psicologia   Educação   Cognição Humana   Formação Continuada   Educação Física   | 25      | 19          | 0.760               | 77        | 40          | 0.519               | 7345     | 5984        | 0.815               |
| 531        | 7484    | 11418  | 258896 | <a href="#">Maria Da Glória Marcondes Gohn</a>          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | teorias da participação sociopolítica   movimentos sociais   políticas públicas   educação nao formal  | 25      | 23          | 0.920               | 37        | 30          | 0.811               | 7224     | 3436        | 0.476               |
| 485        | 7485    | 11420  | 258982 | <a href="#">Marcio Silva Araujo</a>                     |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Evolutionary Ecology   Niche Variation   Stable Isotopes   Species Interactions   | 25      | 21          | 0.840               | 38        | 32          | 0.842               | 6779     | 3734        | 0.551               |
| 38         | 7486    | 11421  | 258995 | <a href="#">Adail Sobral</a>                            |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">FURG</a>   | 25      | 17          | 0.680               | 40        | 22          | 0.550               | 6708     | 2293        | 0.342               |
| 1932       | 7487    | 11424  | 259065 | <a href="#">Luiz Paulo Fávero</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Business Analytics   Multivariate Data Analysis   Statistical Learning and Modeling   Applied Econometrics | 25      | 21          | 0.840               | 58        | 33          | 0.569               | 6400     | 3722        | 0.582               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 7488    | 11427  | 259107 | <a href="#">Nestor Correia</a>                |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                   | <a href="#">Natural Sciences / Physics</a><br>Molecular Physics   Electron Spectroscopy   Epidemiology   | 25      | 13          | 0.520               | 37        | 14          | 0.378               | 6232     | 881         | 0.141               |
| 1933  | 7489    | 11428  | 259163 | <a href="#">Fernando Catalani</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>astroparticles physics   | 25      | 23          | 0.920               | 38        | 35          | 0.921               | 6037     | 5667        | 0.939               |
| 486   | 7490    | 11429  | 259181 | <a href="#">Luiz Carlos Cagliari</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Social Sciences / Linguistics and Literature</a><br>Fonética   Fonologia   Semântica Cognitiva   Sistemas de escrita   Alfabetização   | 25      | 15          | 0.600               | 44        | 23          | 0.523               | 5964     | 1565        | 0.262               |
| 1934  | 7491    | 11430  | 259199 | <a href="#">Silvia Ferrari</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Statistics</a><br>Statistics  | 25      | 15          | 0.600               | 60        | 19          | 0.317               | 5918     | 2870        | 0.485               |
| 532   | 7492    | 11431  | 259217 | <a href="#">Joao Meidanis</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computational Biology   | 25      | 12          | 0.480               | 47        | 16          | 0.340               | 5863     | 897         | 0.153               |
| 145   | 7493    | 11434  | 259249 | <a href="#">José Matias Pereira</a>           |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Business &amp; Management / Business Administration</a><br>Administração Pública   Finanças Públicas   Orçamento Público   Economia Política   | 25      | 18          | 0.720               | 52        | 32          | 0.615               | 5766     | 2532        | 0.439               |
| 180   | 7494    | 11435  | 259255 | <a href="#">Flavio Hirai</a>                  |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Oftalmologia   Epidemiologia   Bioestatística   Oftalmologia Preventiva   | 25      | 16          | 0.640               | 41        | 23          | 0.561               | 5741     | 4777        | 0.832               |
| 7   | 7495    | 11442  | 259440 | <a href="#">John Lennon Nunes De Souza</a>    |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFRSA</a>             | <a href="#">Natural Sciences / Physics</a><br>Tourism   Economic Development   Finance   | 25      | 17          | 0.680               | 43        | 27          | 0.628               | 5311     | 2174        | 0.409               |
| 20  | 7496    | 11443  | 259454 | <a href="#">Lars Norden</a>                   |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Financial Intermediation   Banking   Corporate Finance   Credit Derivatives   | 25      | 21          | 0.840               | 42        | 27          | 0.643               | 5286     | 2297        | 0.435               |
| 70  | 7497    | 11445  | 259517 | <a href="#">Lana Cavalcanti</a>               |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                          | <a href="#">Natural Sciences / Geography</a><br>Geografia   ensino de Geografia   Geografia urbana   | 25      | 18          | 0.720               | 44        | 29          | 0.659               | 5160     | 2363        | 0.458               |
| 300   | 7498    | 11447  | 259600 | <a href="#">Joao Carlos Ferraz</a>            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Economics &amp; Econometrics / Economics</a><br>Development strategies and policies   development finance   industrial economics   economics of innovation   corporate strategies an | 25      | 14          | 0.560               | 40        | 18          | 0.450               | 5005     | 899         | 0.180               |
| 80  | 7499    | 11448  | 259602 | <a href="#">Nidia A Hernandes</a>             |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Universidade Estadual de Londrina</a>  | 25      | 22          | 0.880               | 41        | 37          | 0.902               | 5002     | 3547        | 0.709               |
| 1935  | 7500    | 11450  | 259703 | <a href="#">Herve Thery</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Geography</a><br>geographie   | 25      | 14          | 0.560               | 59        | 23          | 0.390               | 4832     | 1313        | 0.272               |
| 52  | 7501    | 11451  | 259766 | <a href="#">Pércio Augusto Mardini Farias</a> |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Analytical Chemistry   Electroanalytical   Bioelectroanalytical  | 25      | 10          | 0.400               | 54        | 11          | 0.204               | 4739     | 647         | 0.137               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 27         | 7502    | 11453  | 259827 | <a href="#">Denise Brentan Da Silva</a>                 | <br>Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>química organica   produtos naturais   espectrometria de massas   farmacognosia   | 25      | 22          | 0.880               | 74        | 58          | 0.784               | 4654     | 3826        | 0.822               |
| 533        | 7503    | 11454  | 259836 | <a href="#">André Luiz Jardim Munhoz</a>                | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">SêniorINCTBIOFABRIS/UNICAMP</a><br>Biofabricação   Biomateriais   Manufatura Aditiva   Prótese Customizada  | 25      | 24          | 0.960               | 47        | 36          | 0.766               | 4642     | 3332        | 0.718               |
| 19         | 7504    | 11456  | 259932 | <a href="#">José Geraldo Silveira Bueno</a>             | <br>Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>                             | <a href="#">PPGE:HistóriaPolíticaSociedPontificiaâ€¦</a><br>:Escola Educação Especial   | 25      | 15          | 0.600               | 43        | 23          | 0.535               | 4526     | 1349        | 0.298               |
| 59         | 7505    | 11458  | 259992 | <a href="#">Marco Aurélio Leite Fontes</a>              | <br>Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   | 25      | 17          | 0.680               | 44        | 31          | 0.705               | 4468     | 1430        | 0.320               |
| 180        | 7506    | 11462  | 260029 | <a href="#">Jeronimo Ruiz</a>                           | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Fundação Oswaldo Cruz, Minas Gerais - IRR</a><br>Bioinformática   Bioengenharia   | 25      | 17          | 0.680               | 47        | 29          | 0.617               | 4425     | 1472        | 0.333               |
| 81         | 7507    | 11463  | 260046 | <a href="#">Carlos Augusto Camillo</a>                  | <br>Brazil   | <a href="#">Universidade Estadual de Londrina</a>  | <a href="#">ParAnd</a><br>COPD   rehabilitation   exercise   interstitial lung diseases   | 25      | 21          | 0.840               | 35        | 31          | 0.886               | 4406     | 3129        | 0.710               |
| 161        | 7508    | 11464  | 260055 | <a href="#">Jose Rubens Morato Leite</a>                | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental Law   Environmental Damage   Civil Liability   Constitucional Environmental Law | 25      | 14          | 0.560               | 35        | 19          | 0.543               | 4390     | 1258        | 0.287               |
| 21         | 7509    | 11466  | 260087 | <a href="#">Eduardo B. Andrade</a>                      | <br>Brazil  | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor of Consumer Psychology, FGV (EBAPE), Rio de Janeiro</a><br>Consumer Behavior   Consumer Psychology   Sustainable Consumption   Inequality   Health Behavior       | 25      | 22          | 0.880               | 30        | 28          | 0.933               | 4353     | 2043        | 0.469               |
| 1936       | 7510    | 11467  | 260089 | <a href="#">Andre De Carvalho Ramos</a>                 | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">IntereDireitosHumanos</a><br>Direito Internacional Público   Direito Internacional Privado   Direitos Humanos   | 25      | 18          | 0.720               | 45        | 27          | 0.600               | 4351     | 2256        | 0.519               |
| 314        | 7511    | 11471  | 260165 | <a href="#">Adriana S Pagano</a>                        | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Social Sciences / Linguistics and Literature</a><br>applied linguistics   translation studies   systemic-functional modelling   natural language processing                 | 25      | 15          | 0.600               | 50        | 29          | 0.580               | 4271     | 1456        | 0.341               |
| 1937       | 7512    | 11474  | 260212 | <a href="#">Alinne Da Silva</a>                         | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">npeloCENA/P</a><br>Ciência do Solo  | 25      | 20          | 0.800               | 99        | 57          | 0.576               | 4227     | 1936        | 0.458               |
| 1938       | 7513    | 11475  | 260236 | <a href="#">Ivan Nunes Da Silva</a>                     | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSÁfo Paulo</a><br>Sistemas Inteligentes   Sistemas Elétricos de Potência   | 25      | 18          | 0.720               | 80        | 35          | 0.438               | 4207     | 2318        | 0.551               |
| 1939       | 7514    | 11477  | 260324 | <a href="#">William Marciel De Souza</a>                | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | Virology   Arboviruses   Virus Discovery   Viral metagenomics   | 25      | 24          | 0.960               | 52        | 45          | 0.865               | 4125     | 3916        | 0.949               |
| 14         | 7515    | 11479  | 260343 | <a href="#">Diógenes Bido</a>                           | <br>Brazil | <a href="#">Universidade Presbiteriana Mackenzie</a>   | <a href="#">PresbiterianMackenzieAdministraÃ§ão</a><br>Aprendizagem organizacional   Modelagem em equações estruturais  | 25      | 19          | 0.760               | 41        | 30          | 0.732               | 4113     | 2876        | 0.699               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1940       | 7516    | 11481  | 260369 | <a href="#">Carlota Yagui</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Biological Science</a>  | 25      | 21          | 0.840               | 51        | 41          | 0.804               | 4089     | 2015        | 0.493               |
| 315        | 7517    | 11482  | 260464 | <a href="#">Helio Chiarini Garcia</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Biologia da Reprodução   infertilidade masculina   | 25      | 18          | 0.720               | 49        | 30          | 0.612               | 4025     | 1539        | 0.382               |
| 162        | 7518    | 11483  | 260502 | <a href="#">Eduardo Camponogara</a>                     |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Optimization   Algorithms   Mathematical Modeling   Distributed Model Predictive Control   Petroleum Engineering | 25      | 18          | 0.720               | 74        | 39          | 0.527               | 3996     | 1518        | 0.380               |
| 1941       | 7519    | 11484  | 260524 | <a href="#">Gabriela Junqueira Calazans</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">MedicinMediciã!</a><br>HIV   AIDS   Saúde Coletiva   Sexualidade   Reconhecimento  | 25      | 16          | 0.640               | 32        | 19          | 0.594               | 3979     | 1398        | 0.351               |
| 128        | 7520    | 11487  | 260589 | <a href="#">Sebastião Vicente Canevarolo Junior</a>     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">ÁrePolímerosEngenhariMateriaisDEMaã€!</a><br>Processamento de polímeros   Monitoramento em tempo real   Degradação e estabilização de polímeros                              | 25      | 13          | 0.520               | 49        | 18          | 0.367               | 3937     | 1210        | 0.307               |
| 1942       | 7521    | 11488  | 260650 | <a href="#">Daniel Guimarães Tiezzi</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">os</a><br>breast cancer   molecular profiling   computational biology   systemic therapy   | 25      | 20          | 0.800               | 43        | 27          | 0.628               | 3892     | 2771        | 0.712               |
| 1          | 7522    | 11490  | 260788 | <a href="#">Luciano Mendes</a>                          |  Brazil   | <a href="#">Instituto Nacional de Telecomunicações INATEL</a>                                    | <a href="#">Inatel</a><br>multicarrier modulation   digital communication   mobile communication   | 25      | 21          | 0.840               | 46        | 40          | 0.870               | 3827     | 2424        | 0.633               |
| 53         | 7523    | 11491  | 260797 | <a href="#">Raul Queiroz Feitosa</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>                       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Analysis   Remote Sensing   Machine Learning   Biometrics   | 25      | 18          | 0.720               | 66        | 38          | 0.576               | 3821     | 2299        | 0.602               |
| 1943       | 7524    | 11493  | 260810 | <a href="#">Ricardo Jose Giordano</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSao Paulo</a><br>Angiogenesis   Vascular Biology   Chagas Disease   | 25      | 17          | 0.680               | 38        | 28          | 0.737               | 3813     | 889         | 0.233               |
| 316        | 7525    | 11494  | 260816 | <a href="#">Jefersson A Dos Santos</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Processing   Machine Learning   Computer Vision   Remote sensing  | 25      | 20          | 0.800               | 60        | 42          | 0.700               | 3808     | 2722        | 0.715               |
| 22         | 7526    | 11496  | 260830 | <a href="#">Cesar Zucco</a>                             |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Associate Professor - Getulio Vargas Foundation (FGV-EBAPE)</a><br>Political Science   Latin American Politics   Public Policy   | 25      | 22          | 0.880               | 34        | 28          | 0.824               | 3801     | 2105        | 0.554               |
| 14         | 7527    | 11497  | 260855 | <a href="#">Claudio Torres De Miranda</a>               |  Brazil | <a href="#">Universidade Federal de Alagoas</a>  | <a href="#">Medical and Health Sciences / Psychiatry</a><br>mental health   saude mental   epidemiology   psychiatry   | 25      | 12          | 0.480               | 41        | 17          | 0.415               | 3785     | 1241        | 0.328               |
| 16         | 7528    | 11498  | 260944 | <a href="#">Andrea Caprara</a>                          |  Brazil | <a href="#">Universidade Estadual do Ceará</a>   | <a href="#">SaúColetivCeará</a><br>Saúde Coletiva  | 25      | 17          | 0.680               | 44        | 23          | 0.523               | 3736     | 1327        | 0.355               |
| 301        | 7529    | 11500  | 260966 | <a href="#">José Augusto Pádua</a>                      |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">History, Philosophy, Theology / History</a><br>História Ambiental  | 25      | 14          | 0.560               | 39        | 22          | 0.564               | 3729     | 1110        | 0.298               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1944  | 7530    | 11501  | 260982 | <a href="#">Juliano Pinheiro De Almeida</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>Anestesiologia   Terapia Intensiva   | 25      | 22          | 0.880               | 36        | 32          | 0.889               | 3722     | 2316        | 0.622               |
| 294   | 7531    | 11502  | 260996 | <a href="#">José Vicente Tavares Dos Santos</a>      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Social Sciences / Sociology</a><br>conflitualidade   violência   segurança cidadã   metodologias informacionais   sociologia do romance                                  | 25      | 14          | 0.560               | 57        | 22          | 0.386               | 3716     | 833         | 0.224               |
| 1945  | 7532    | 11503  | 261000 | <a href="#">Tábita Hünemeier</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">University of São Paulo</a>  | 25      | 21          | 0.840               | 45        | 34          | 0.756               | 3715     | 2370        | 0.638               |
| 59  | 7533    | 11504  | 261009 | <a href="#">Petrônio Filgueiras De Athayde Filho</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | Organic Synthesis   Pharmacology   Biofuel   | 25      | 18          | 0.720               | 57        | 32          | 0.561               | 3709     | 1605        | 0.433               |
| 129   | 7534    | 11505  | 261016 | <a href="#">Jean Marcel R Gallo</a>                  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>heterogeneous catalysis  | 25      | 19          | 0.760               | 37        | 31          | 0.838               | 3707     | 2214        | 0.597               |
| 74  | 7535    | 11507  | 261044 | <a href="#">Benedito Medrado</a>                     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Social Sciences / Psychology</a><br>gênero   sexualidade   masculinidades   paternidade   feminismo  | 25      | 14          | 0.560               | 54        | 23          | 0.426               | 3688     | 1111        | 0.301               |
| 302   | 7536    | 11508  | 261048 | <a href="#">Andrea Ferreira Da Costa</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">MuseuRioJaneiro</a><br>Sistemática de Fanerógamas  | 25      | 18          | 0.720               | 36        | 25          | 0.694               | 3687     | 1865        | 0.506               |
| 5   | 7537    | 11509  | 261060 | <a href="#">Clascidia A Furtado</a>                  |  Brazil   | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a>        | <a href="#">Pesquisador de Química e Ciência dos Materiais, Centro de Desenvolvimento da ...</a><br>nanomateriais de carbono   nanotubos   grafeno   nanocarbons   nanociência       | 25      | 15          | 0.600               | 41        | 23          | 0.561               | 3680     | 981         | 0.267               |
| 11  | 7538    | 11510  | 261062 | <a href="#">Matheus Poletto</a>                      |  Brazil  | <a href="#">Universidade de Caxias do Sul</a>                          |  | 25      | 23          | 0.920               | 37        | 37          | 1.000               | 3679     | 2654        | 0.721               |
| 3   | 7539    | 11511  | 261091 | <a href="#">Silvio Roberto Ignacio Pires</a>         |  Brazil | <a href="#">Universidade Metodista de Piracicaba</a>                   | <a href="#">Professor UNIMEP</a><br>Supply Chain Management   Operations Management   Logistics  | 25      | 15          | 0.600               | 60        | 26          | 0.433               | 3666     | 1105        | 0.301               |
| 487   | 7540    | 11512  | 261098 | <a href="#">Rubens Monti</a>                         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Enzimologia</a><br>Imobilização de enzimas   produção de hidrolizados proteicos  | 25      | 18          | 0.720               | 52        | 35          | 0.673               | 3664     | 1435        | 0.392               |
| 52  | 7541    | 11513  | 261104 | <a href="#">Rafael Cordeiro Silva</a>                |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Marcuse   Horkheimer   Adorno   Indústria Cultural   Tecnologia  | 25      | 18          | 0.720               | 66        | 30          | 0.455               | 3662     | 1551        | 0.424               |
| 1946  | 7542    | 11514  | 261127 | <a href="#">Maria Carolina Oliveira</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   doenças autoimunes   transplante de células tronco   esclerose sistêmica   doença intersticial pulmonar | 25      | 23          | 0.920               | 49        | 38          | 0.776               | 3646     | 1908        | 0.523               |
| 534   | 7543    | 11515  | 261175 | <a href="#">Ricardo Machado Leite De Barros</a>      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomechanics  | 25      | 19          | 0.760               | 48        | 28          | 0.583               | 3622     | 1402        | 0.387               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 82  | 7544    | 11516  | 261178 | <a href="#">Andressa De Freitas Mendes Dionisio</a> |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>   | <a href="#">efferocytosis   sepsis   neutrophil migration  </a>   | 25      | 20          | 0.800               | 33        | 28          | 0.848               | 3620     | 1191        | 0.329               |
| 181   | 7545    | 11517  | 261190 | <a href="#">Theotonio Pauliquevis</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br><a href="#">atmospheric science  </a>  | 25      | 21          | 0.840               | 35        | 28          | 0.800               | 3613     | 1608        | 0.445               |
| 23  | 7546    | 11519  | 261198 | <a href="#">Marcos Fernandes Gonçalves Da Silva</a> |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas</a><br><a href="#">Fundação Getulio Vargas</a> | <a href="#">Fundação Getulio Vargas, Escola de Economia de São Paulo</a><br><a href="#">Economia e ética   ética experimental   corrupção  </a>   | 25      | 17          | 0.680               | 75        | 32          | 0.427               | 3606     | 2076        | 0.576               |
| 317   | 7547    | 11520  | 261211 | <a href="#">Selenio Rocha Silva</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br><a href="#">Energias Alternativas Renováveis   Qualidade da Energia Eletrica   Máquinas Elétricas  </a>                             | 25      | 15          | 0.600               | 69        | 31          | 0.449               | 3601     | 894         | 0.248               |
| 50  | 7548    | 11521  | 261218 | <a href="#">Oriana Almeida</a>                      |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>   | <a href="#">UFPA</a><br><a href="#">Recursos Naturais  </a>   | 25      | 16          | 0.640               | 37        | 22          | 0.595               | 3596     | 1341        | 0.373               |
| 1947  | 7549    | 11522  | 261253 | <a href="#">Suzane Kioko Ono</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Gastroenterology</a><br><a href="#">Viral hepatitis   hepatocelular carcinoma   drug metabolism  </a>   | 25      | 13          | 0.520               | 43        | 18          | 0.419               | 3582     | 641         | 0.179               |
| 1948  | 7550    | 11523  | 261286 | <a href="#">Antonio Martins Figueiredo Neto</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Natural Sciences / Physics</a><br><a href="#">fluidos complexos  </a>   | 25      | 17          | 0.680               | 78        | 34          | 0.436               | 3565     | 1520        | 0.426               |
| 52  | 7551    | 11525  | 261348 | <a href="#">José De Queiroz Pinheiro</a>            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>   | <a href="#">RioGrandeNorte</a><br><a href="#">time perspective   pro-ecological commitment   maps and environmental cognition   climate change   renewable sources of energy  </a>  | 25      | 17          | 0.680               | 52        | 30          | 0.577               | 3542     | 1377        | 0.389               |
| 1949  | 7552    | 11527  | 261405 | <a href="#">Maria Herminia Tavares De Almeida</a>   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Social Sciences / Political Science</a><br><a href="#">public policy   foreign policy and public opinion   international politics  </a>   | 25      | 14          | 0.560               | 32        | 14          | 0.438               | 3519     | 732         | 0.208               |
| 5   | 7553    | 11528  | 261435 | <a href="#">Bruno Tirotti Saragiotto</a>            |  Brazil | <a href="#">Universidade Cidade de São Paulo UNICID</a>   | <a href="#">chronic pain low back pain telehealth </a><br><a href="#">chronic pain   low back pain   telehealth  </a>   | 25      | 25          | 1.000               | 46        | 44          | 0.957               | 3506     | 2832        | 0.808               |
| 105   | 7554    | 11530  | 261456 | <a href="#">Carlos Roberto De Carvalho</a>          |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br><a href="#">Citogenética e Citometria de plantas  </a>   | 25      | 17          | 0.680               | 67        | 37          | 0.552               | 3498     | 1712        | 0.489               |
| 1950  | 7555    | 11531  | 261457 | <a href="#">Olinda Carmo Luiz</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br><a href="#">Epidemiologia   epidemiologia do câncer   epidemiologia dos serviços de saúde   epidemiologia doenças crônicas não transmis  </a> | 25      | 19          | 0.760               | 39        | 32          | 0.821               | 3498     | 2299        | 0.657               |
| 1951  | 7556    | 11532  | 261472 | <a href="#">Olinda Do Carmo Luiz</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br><a href="#">Epidemiologia nos serviços de saúde  </a>   | 25      | 19          | 0.760               | 41        | 34          | 0.829               | 3490     | 2295        | 0.658               |
| 88  | 7557    | 11535  | 261535 | <a href="#">Claudio Sant Anna</a>                   |  Brazil | <a href="#">Universidade Federal da Bahia</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br><a href="#">Software Engineering  </a>   | 25      | 11          | 0.440               | 47        | 11          | 0.234               | 3466     | 441         | 0.127               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 15  | 7558    | 11537  | 261589 | <a href="#">Elizeu Macedo</a>   <a href="#">Elizeu Coutinho Macedo</a> | <br>Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                        | <a href="#">Social Sciences / Psychology</a>   | 25      | 15          | 0.600               | 77        | 26          | 0.338               | 3446     | 1300        | 0.377               |
| 295   | 7559    | 11538  | 261606 | <a href="#">Luciana Saete Buriol</a>                                   | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>optimization   mathematical programming   heuristics                        | 25      | 15          | 0.600               | 51        | 21          | 0.412               | 3440     | 1337        | 0.389               |
| 10  | 7560    | 11539  | 261617 | <a href="#">Venturini Osvaldo José</a>                                 | <br>Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                      | geração de energia   energias renováveis   modelagem e operação de UTEs   refrigeração   | 25      | 23          | 0.920               | 35        | 30          | 0.857               | 3436     | 2082        | 0.606               |
| 535   | 7561    | 11540  | 261639 | <a href="#">José Maria FJ Da Silveira</a>                              | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia da Inovacao e de Redes  | 25      | 15          | 0.600               | 63        | 28          | 0.444               | 3426     | 1188        | 0.347               |
| 488   | 7562    | 11542  | 261665 | <a href="#">Marcelo Santos</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Social Sciences / Political Science</a><br>Ciência Política  | 25      | 19          | 0.760               | 72        | 34          | 0.472               | 3415     | 1878        | 0.550               |
| 1952  | 7563    | 11543  | 261666 | <a href="#">J Carlos Egues</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Quantum spintronics   topological matter   | 25      | 15          | 0.600               | 42        | 22          | 0.524               | 3415     | 878         | 0.257               |
| 68  | 7564    | 11544  | 261672 | <a href="#">Maria Teresa V Sanseverino</a>                             | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetica Medica   Genetica Reprodutiva                                  | 25      | 16          | 0.640               | 59        | 37          | 0.627               | 3413     | 1596        | 0.468               |
| 536   | 7565    | 11545  | 261696 | <a href="#">Mathias Mistretta Pires</a>                                | <br>Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Food Webs   Macroevolution   Extinction   Conservation                      | 25      | 22          | 0.880               | 45        | 42          | 0.933               | 3405     | 2492        | 0.732               |
| 163   | 7566    | 11548  | 261718 | <a href="#">Francisco Fialho</a>                                       | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">UniversityBrazil</a><br>Cognition Science  | 25      | 18          | 0.720               | 56        | 30          | 0.536               | 3399     | 1035        | 0.305               |
| 1953  | 7567    | 11550  | 261742 | <a href="#">Madalena Leite</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSão Paulo</a>   | 25      | 15          | 0.600               | 62        | 24          | 0.387               | 3393     | 823         | 0.243               |
| 318   | 7568    | 11552  | 261769 | <a href="#">Adriano Pereira</a>  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Economics &amp; Econometrics / Economics</a><br>Quantitative Finance   Financial Computing   e-Commerce   Social Web   Web Systems | 25      | 18          | 0.720               | 74        | 43          | 0.581               | 3385     | 2257        | 0.667               |
| 158   | 7569    | 11553  | 261781 | <a href="#">Newton Carneiro</a>  | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Pesquisador Embrapa</a><br>Biotecnologia de plantas e insectos   | 25      | 17          | 0.680               | 33        | 20          | 0.606               | 3380     | 1159        | 0.343               |



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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6          | 7570    | 11554  | 261807 | <a href="#">Luiz Hespanhol</a>                          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Cidade de São Paulo UNICID</a>                | <a href="#">Medical and Health Sciences / Sports Medicine</a><br>Sports Medicine   Epidemiology   Injury Prevention   Physical Activity   Running  | 25      | 24          | 0.960               | 33        | 27          | 0.818               | 3364     | 2413        | 0.717               |
| 13         | 7571    | 11556  | 261856 | <a href="#">Sérgio Manuel Serra Da Cruz</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Provenance   Scientific Workflows   eScience   Agriculture 4.0  | 25      | 15          | 0.600               | 81        | 23          | 0.284               | 3346     | 1432        | 0.428               |
| 34         | 7572    | 11557  | 261864 | <a href="#">Maria Camila Almeida</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>                      | Neurophysiology   neuroscience   thermal physiology  | 25      | 18          | 0.720               | 36        | 26          | 0.722               | 3345     | 1266        | 0.378               |
| 319        | 7573    | 11560  | 261925 | <a href="#">Ricardo Ribeiro De Castro Solar</a>         | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Conservation   Biodiversity   Amazonia   Insects  | 25      | 23          | 0.920               | 43        | 40          | 0.930               | 3329     | 2738        | 0.822               |
| 1954       | 7574    | 11561  | 261936 | <a href="#">Simone De Pádua Teixeira</a>                | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>anatomia vegetal   estruturas secretoras   desenvolvimento floral   | 25      | 17          | 0.680               | 74        | 49          | 0.662               | 3326     | 1312        | 0.394               |
| 18         | 7575    | 11563  | 261965 | <a href="#">Joao Ricardo De Freitas Oliveira</a>        | <br><a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Engenheiro Tecnologista do Instituto Nacional de Pesquisas Espaciais - INPE</a><br>Geoprocessamento   algoritmos computacionais   modelo digital de elevação   modelos hidrológicos distribuídos | 25      | 21          | 0.840               | 61        | 41          | 0.672               | 3316     | 1748        | 0.527               |
| 12         | 7576    | 11564  | 261970 | <a href="#">Acácio Salvador Vêras E Silva</a>           | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Piauí</a>                          |  | 25      | 15          | 0.600               | 58        | 24          | 0.414               | 3314     | 1255        | 0.379               |
| 90         | 7577    | 11565  | 261972 | <a href="#">Marcelo Souto Nacif</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">UniversityNiteroiRJBrazil</a><br>Cardiac Magnetic Resonance   Cardiac Computed Tomography   Cardiovascular_Imaging   Radiology Education   Radiology   | 25      | 21          | 0.840               | 50        | 34          | 0.680               | 3314     | 1617        | 0.488               |
| 1955       | 7578    | 11566  | 261975 | <a href="#">Neyde Yukie Murakami Iha</a>                | <br><a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Energia Solar   Combustível Solar   Celular Solar Sensibilizada por Corantes   | 25      | 15          | 0.600               | 40        | 27          | 0.675               | 3314     | 1025        | 0.309               |
| 489        | 7579    | 11567  | 261991 | <a href="#">Ary Santos Pinto</a>                        | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortodontia e Ortopedia Facial  | 25      | 19          | 0.760               | 81        | 33          | 0.407               | 3306     | 1239        | 0.375               |
| 1956       | 7580    | 11569  | 262125 | <a href="#">Cláudia Maria Bógus</a>                     | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">SaúPúblicP</a><br>saúde pública   promoção da saúde   políticas públicas   segurança alimentar e nutricional   | 25      | 19          | 0.760               | 54        | 28          | 0.519               | 3265     | 1311        | 0.402               |
| 1957       | 7581    | 11570  | 262174 | <a href="#">Belmira Oliveira Bueno</a>                  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Formação de professores e profissão docente   Histórias de vida   Etnografia   Educação e Tecnologias   | 25      | 14          | 0.560               | 42        | 19          | 0.452               | 3246     | 904         | 0.278               |
| 159        | 7582    | 11571  | 262178 | <a href="#">Gustavo Adolfo Saavedra Pinto</a>           | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador em Bioprocessos, Embrapa Agroindústria Tropical</a><br>Tecnologia de Fermentações   Microbiologia Industrial   Processos Biotecnológicos   | 25      | 17          | 0.680               | 50        | 31          | 0.620               | 3244     | 1563        | 0.482               |
| 28         | 7583    | 11572  | 262179 | <a href="#">Suzana M. Fleury Malheiros</a>              | <br><a href="#">Brazil</a> | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Hospital Israelita Albert Einstein</a><br>Neuro-oncology   | 25      | 17          | 0.680               | 43        | 26          | 0.605               | 3244     | 1590        | 0.490               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 24  | 7584    | 11575  | 262230 | <a href="#">Luiz Artur Ledur Brito</a>          | <br>Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas</a><br><a href="#">Fundação Getulio Vargas</a> | <a href="#">FGV-EAESP</a><br>Operations Management   Strategy  | 25      | 17          | 0.680               | 39        | 25          | 0.641               | 3229     | 1642        | 0.509               |
| 490   | 7585    | 11578  | 262300 | <a href="#">Francisco Langeani</a>              | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Fish systematics  | 25      | 15          | 0.600               | 56        | 27          | 0.482               | 3205     | 1021        | 0.319               |
| 10  | 7586    | 11579  | 262334 | <a href="#">Fabiola Sulpino Vieira</a>          | <br>Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>  | <a href="#">Especialista em Políticas Públicas e Gestão Governamental.</a><br><a href="#">Instituto de Pesquisa ...</a>                            | 25      | 21          | 0.840               | 39        | 35          | 0.897               | 3198     | 1631        | 0.510               |
| 114   | 7587    | 11581  | 262336 | <a href="#">Antonio Adilson Soares De Lima</a>  | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral pathology  | 25      | 16          | 0.640               | 60        | 30          | 0.500               | 3197     | 1358        | 0.425               |
| 19  | 7588    | 11582  | 262342 | <a href="#">Cássia Ugaya</a>                    | <br>Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>  | <a href="#">ACV </a><br>ACV  | 25      | 20          | 0.800               | 35        | 35          | 1.000               | 3196     | 2020        | 0.632               |
| 1958  | 7589    | 11584  | 262375 | <a href="#">Gustavo Venturi</a>                 | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Social Sciences / Sociology</a><br>moralidade   direitos humanos   marcadores da diferença   opinião pública   comportamento eleitoral | 25      | 13          | 0.520               | 38        | 16          | 0.421               | 3187     | 925         | 0.290               |
| 1959  | 7590    | 11587  | 262438 | <a href="#">Marilis Do Valle Marques</a>        | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Microbiology</a>   | 25      | 13          | 0.520               | 41        | 17          | 0.415               | 3168     | 700         | 0.221               |
| 1960  | 7591    | 11589  | 262455 | <a href="#">Ana Lidia Ciamponi</a>              | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   | 25      | 18          | 0.720               | 55        | 30          | 0.545               | 3162     | 1166        | 0.369               |
| 164   | 7592    | 11590  | 262460 | <a href="#">Carmen Rosa Caldas Coulthard</a>    | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | Genero   Analise Critica do Discurso   Semiotica Social   Traducaao  | 25      | 17          | 0.680               | 41        | 23          | 0.561               | 3162     | 976         | 0.309               |
| 181   | 7593    | 11591  | 262489 | <a href="#">Antônio Ignácio De Loyola Filho</a> | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia - Saúde Coletiva                                     | 25      | 19          | 0.760               | 60        | 49          | 0.817               | 3155     | 1289        | 0.409               |
| 29  | 7594    | 11594  | 262548 | <a href="#">Claudia Cristina Bitencourt</a>     | <br>Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">UnisinosBusiness</a>   | 25      | 18          | 0.720               | 55        | 35          | 0.636               | 3141     | 1425        | 0.454               |
| 130   | 7595    | 11595  | 262549 | <a href="#">Gabriel Feltran</a>                 | <br>Brazil | <a href="#">Universidade Federal de São Carlos</a>  | <a href="#">University//CEBRAP</a><br>Urban Sociology   Ethnography   Violence   Social Movement   Informal Markets                                | 25      | 19          | 0.760               | 49        | 37          | 0.755               | 3141     | 1843        | 0.587               |
| 71  | 7596    | 11597  | 262577 | <a href="#">João Felipe Mota</a>                | <br>Brazil | <a href="#">Universidade Federal de Goiás UFG</a>   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição  | 25      | 22          | 0.880               | 46        | 41          | 0.891               | 3135     | 2442        | 0.779               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 89         | 7597    | 11598  | 262592 | <a href="#">Ricardo Dobrovolski</a>                     | <br>Brazil   | <a href="#">Universidade Federal da Bahia</a>  | Macroecology   Biogeography   Conservation Biology   Landscape Ecology  | 25      | 21          | 0.840               | 33        | 32          | 0.970               | 3131     | 2331        | 0.744               |
| 1961       | 7598    | 11601  | 262655 | <a href="#">Rogério Arantes</a>                         | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Social Sciences / Political Science</a><br>Ciência Política   | 25      | 17          | 0.680               | 31        | 21          | 0.677               | 3115     | 1128        | 0.362               |
| 320        | 7599    | 11602  | 262675 | <a href="#">Fabiana Passos</a>                          | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">UniversidMinasGerais</a><br>saneamento   tratamento de resíduos sólidos orgânicos   digestao anaeróbia   pré-tratamento de biomassa   microalgas e bioenergia | 25      | 25          | 1.000               | 34        | 33          | 0.971               | 3110     | 2394        | 0.770               |
| 303        | 7600    | 11604  | 262679 | <a href="#">Daniel Andres Rodriguez</a>                 | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">RioJaneiro</a><br>hidrologia   meteorologia   | 25      | 25          | 1.000               | 37        | 32          | 0.865               | 3109     | 2117        | 0.681               |
| 1962       | 7601    | 11605  | 262695 | <a href="#">Paulo Fortes</a>                            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">SaúPúblicFSP/P</a><br>Saúde Pública   Bioética   Saúde Global   | 25      | 14          | 0.560               | 55        | 16          | 0.291               | 3104     | 763         | 0.246               |
| 1963       | 7602    | 11607  | 262700 | <a href="#">Fernando Osorio</a>                         | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Robotics   Image Processing   Computer Vision   Machine Learning             | 25      | 16          | 0.640               | 74        | 27          | 0.365               | 3102     | 1186        | 0.382               |
| 296        | 7603    | 11610  | 262790 | <a href="#">Ruth Santana</a>                            | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais poliméricos   reciclagem   degradação e biodegradação de polímeros  | 25      | 22          | 0.880               | 60        | 49          | 0.817               | 3082     | 2259        | 0.733               |
| 11         | 7604    | 11611  | 262797 | <a href="#">Eustáquio Reis</a>                          | <br>Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>   | <a href="#">Economics &amp; Econometrics / Economics</a><br>História Econômica   Economia Espacial   Desflorestamento   | 25      | 13          | 0.520               | 49        | 17          | 0.347               | 3081     | 828         | 0.269               |
| 91         | 7605    | 11612  | 262811 | <a href="#">Carmem Aparecida Feijó</a>                  | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>  | <a href="#">Economics &amp; Econometrics / Economics</a><br>macroeconomia keynesiana   desenvolvimento economico   contabilidade nacional                                 | 25      | 17          | 0.680               | 66        | 34          | 0.515               | 3078     | 1394        | 0.453               |
| 182        | 7606    | 11615  | 262894 | <a href="#">Fernando R Vargas</a>                       | <br>Brazil   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Medical and Health Sciences / Medical Genetics</a><br>medical genetics   human genetics   | 25      | 16          | 0.640               | 57        | 28          | 0.491               | 3055     | 1005        | 0.329               |
| 321        | 7607    | 11616  | 262914 | <a href="#">Heloisa Soares De Moura Costa</a>           | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Natural Sciences / Geography</a><br>planejamento urbano   geografia urbana   ecologia política  | 25      | 14          | 0.560               | 53        | 29          | 0.547               | 3050     | 1016        | 0.333               |
| 6          | 7608    | 11617  | 262927 | <a href="#">Cesar Eduardo Fernandes</a>                 | <br>Brazil  | <a href="#">Fundação e Faculdade de Medicina do ABC</a>  | esteróides sexuais  | 25      | 16          | 0.640               | 65        | 32          | 0.492               | 3047     | 1582        | 0.519               |
| 182        | 7609    | 11619  | 262966 | <a href="#">Fabiola Paula Lopes</a>                     | <br>Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>REPRODUÇÃO ANIMAL   ESTRESSE TÉRMICO   | 25      | 18          | 0.720               | 39        | 28          | 0.718               | 3036     | 980         | 0.323               |
| 25         | 7610    | 11621  | 262994 | <a href="#">Carlos Osmar Bertero</a>                    | <br>Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">FGV-EAESP</a><br>Organizational Studies   | 25      | 14          | 0.560               | 44        | 20          | 0.455               | 3030     | 772         | 0.255               |

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| University | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20         | 7611    | 11624  | 263056 | <a href="#">Maria Regina Maluf</a>                      | <br>Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>        | <a href="#">Social Sciences / Psychology</a><br>Psicologia da Educação   Metalinguagem   Aprendizagem da Linguagem Escrita   | 25      | 15          | 0.600               | 49        | 22          | 0.449               | 3016     | 792         | 0.263               |
| 146        | 7612    | 11625  | 263078 | <a href="#">Maria Margaret Lopes</a>                    | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">History, Philosophy, Theology / History</a><br>History of Science   History of Museums   Gender in Sciences  | 25      | 13          | 0.520               | 71        | 21          | 0.296               | 3009     | 944         | 0.314               |
| 537        | 7613    | 11626  | 263083 | <a href="#">Eduardo Miranda</a>                         | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   | 25      | 17          | 0.680               | 57        | 25          | 0.439               | 3008     | 773         | 0.257               |
| 5          | 7614    | 11627  | 263151 | <a href="#">Rodrigo Gregório Da Silva</a>               | <br>Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Ceará</a> | <a href="#">Professor de Forrrgicultura e Pastagens</a><br>Avaliação de sistemas de produção animal   Administração Rural   Forragicultura e pastagens   Produção de leite | 25      | 16          | 0.640               | 61        | 30          | 0.492               | 2994     | 1746        | 0.583               |
| 51         | 7615    | 11628  | 263156 | <a href="#">Jose Antonio Souza</a>                      | <br>Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   Meio Ambiente  | 25      | 14          | 0.560               | 91        | 29          | 0.319               | 2993     | 1040        | 0.347               |
| 165        | 7616    | 11630  | 263225 | <a href="#">Clarissa Stefani Teixeira</a>               | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Inovação   empreendedorismo   habitats de inovação   | 25      | 17          | 0.680               | 82        | 39          | 0.476               | 2978     | 1651        | 0.554               |
| 304        | 7617    | 11632  | 263239 | <a href="#">Lia Hasenclever</a>                         | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Economics &amp; Econometrics / Economics</a><br>Desenvolvimento   Planejamento Regional   Inovação   propriedade Intelectual                                   | 25      | 13          | 0.520               | 51        | 23          | 0.451               | 2974     | 823         | 0.277               |
| 322        | 7618    | 11634  | 263247 | <a href="#">Christianne Luce Gomes</a>                  | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">EUniversidMinasGerais</a><br>Lazer   Turismo   Cinema   Leisure Studies   Ocio/Tiempo Libre/Recreación   | 25      | 16          | 0.640               | 49        | 27          | 0.551               | 2972     | 1184        | 0.398               |
| 323        | 7619    | 11635  | 263255 | <a href="#">Claudio Beato</a>                           | <br>Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Law / Law and Legal Studies</a><br>Criminologia e Políticas Públicas de Segurança  | 25      | 16          | 0.640               | 51        | 19          | 0.373               | 2970     | 851         | 0.287               |
| 83         | 7620    | 11638  | 263345 | <a href="#">Rosângela Marion Da Silva</a>               | <br>Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">ENFERMEIRALOTANOENFERMAGEM&amp;e</a><br>saúde   enfermagem   educação  | 25      | 17          | 0.680               | 66        | 35          | 0.530               | 2951     | 1322        | 0.448               |
| 324        | 7621    | 11641  | 263385 | <a href="#">Humberto Osório Stumpf</a>                  | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Materiais Moleculares  | 25      | 15          | 0.600               | 51        | 29          | 0.569               | 2943     | 817         | 0.278               |
| 166        | 7622    | 11642  | 263389 | <a href="#">Luciano Senff</a>                           | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais de Construção  | 25      | 22          | 0.880               | 43        | 40          | 0.930               | 2943     | 1933        | 0.657               |
| 167        | 7623    | 11644  | 263450 | <a href="#">Eduardo Bortoluzzi</a>                      | <br>Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Endodontics   Dental Materials   Root Canal Treatment   Irrigation                                  | 25      | 22          | 0.880               | 38        | 35          | 0.921               | 2931     | 1450        | 0.495               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 131        | 7624    | 11645  | 263454 | <a href="#">José Carlos De Toledo</a>                   |    | <a href="#">Universidade Federal de São Carlos</a>                   | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Quality Management   Product Development Management   New Product Development Management   Continuous Improvement   Quality Improve | 25      | 16          | 0.640               | 69        | 34          | 0.493               | 2930     | 1154        | 0.394               |
| 66         | 7625    | 11646  | 263462 | <a href="#">Antonio Carlos Augusto Da Costa</a>         |    | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>        | <a href="#">Universidade do Estado do Rio de Janeiro</a>   | 25      | 15          | 0.600               | 47        | 22          | 0.468               | 2929     | 821         | 0.280               |
| 1964       | 7626    | 11647  | 263480 | <a href="#">Sergio Mies</a>                             |    | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medical and Health Sciences / General Surgery</a><br>Liver transplantation   surgery   | 25      | 8           | 0.320               | 49        | 7           | 0.143               | 2925     | 381         | 0.130               |
| 20         | 7627    | 11649  | 263490 | <a href="#">Luiz Alberto Pilatti</a>                    |    | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>     | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Engenharia de Produção   Ensino de Ciências e Tecnologia  | 25      | 18          | 0.720               | 83        | 41          | 0.494               | 2924     | 1596        | 0.546               |
| 325        | 7628    | 11654  | 263638 | <a href="#">Claudio Luis Donnici</a>                    |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>QUÍMICA ORGÂNICA   ELETROQUÍMICA   NOVOS MATERIAIS E QUÍMICA MEDICINAL   | 25      | 16          | 0.640               | 50        | 25          | 0.500               | 2900     | 1078        | 0.372               |
| 21         | 7629    | 11655  | 263648 | <a href="#">Maria Izilda Santos De Matos</a>            |    | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">History, Philosophy, Theology / History</a><br>história  | 25      | 15          | 0.600               | 47        | 26          | 0.553               | 2899     | 914         | 0.315               |
| 1965       | 7630    | 11656  | 263672 | <a href="#">Patricia Menezes Santos</a>                 |    | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultura   Ciência Animal e Pastagens   | 25      | 19          | 0.760               | 66        | 37          | 0.561               | 2895     | 1373        | 0.474               |
| 1966       | 7631    | 11657  | 263674 | <a href="#">Julio Assis Simoes</a>                      |    | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Social Sciences / Anthropology</a><br>Antropologia social   movimentos sociais   gênero e sexualidade   envelhecimento e gerações   antropologia e saúde   | 25      | 16          | 0.640               | 41        | 27          | 0.659               | 2895     | 1097        | 0.379               |
| 83         | 7632    | 11658  | 263675 | <a href="#">Alberto Durán González</a>                  |   | <a href="#">Universidade Estadual de Londrina</a>                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Formação de profissionais de saúde.  | 25      | 21          | 0.840               | 40        | 37          | 0.925               | 2895     | 2189        | 0.756               |
| 297        | 7633    | 11659  | 263704 | <a href="#">Jose Luiz Rigo Rodrigues</a>                |  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>reprodução animal   | 25      | 15          | 0.600               | 52        | 25          | 0.481               | 2890     | 1117        | 0.387               |
| 326        | 7634    | 11660  | 263727 | <a href="#">Rodrygo LT Santos</a>                       |  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | Information Retrieval   Web Search   Recommender Systems   | 25      | 16          | 0.640               | 50        | 25          | 0.500               | 2885     | 1128        | 0.391               |
| 1967       | 7635    | 11663  | 263792 | <a href="#">Wilson Salgado Junior</a>                   |  | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medicine / Medicine</a><br>Medicina  | 25      | 20          | 0.800               | 45        | 31          | 0.689               | 2873     | 2067        | 0.719               |
| 327        | 7636    | 11664  | 263809 | <a href="#">Alberto Diniz Filho</a>                     |  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Ophthalmology   Glaucoma  | 25      | 22          | 0.880               | 40        | 35          | 0.875               | 2871     | 2414        | 0.841               |
| 160        | 7637    | 11665  | 263866 | <a href="#">Alan Carvalho Andrade</a>                   |  | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Molecular  | 25      | 18          | 0.720               | 38        | 32          | 0.842               | 2862     | 1224        | 0.428               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 60         | 7638    | 11667  | 263872 | <a href="#">Liliane S Machado</a>                       | <br>Brazil   | Universidade Federal da Paraíba UFPB                             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>virtual reality   serious games   education technologies   health technology   | 25      | 16          | 0.640               | 85        | 24          | 0.282               | 2860     | 1068        | 0.373               |
| 538        | 7639    | 11669  | 263892 | <a href="#">Paulo De Tarso Vieira E Rosa</a>            | <br>Brazil   | Universidade Estadual de Campinas UNICAMP                        | <a href="#">Unicamp</a>   | 25      | 19          | 0.760               | 47        | 36          | 0.766               | 2857     | 1064        | 0.372               |
| 183        | 7640    | 11670  | 263907 | <a href="#">Adriana R Silva</a>                         | <br>Brazil   | Fundação Oswaldo Cruz  | <a href="#">FIOCRUZ</a>   | 25      | 18          | 0.720               | 44        | 34          | 0.773               | 2854     | 1079        | 0.378               |
| 168        | 7641    | 11671  | 263929 | <a href="#">Décio Krause</a>                            | <br>Brazil   | Universidade Federal de Santa Catarina UFSC                      | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Logic   philosophy of science   logic of quantum Mechanics   quantum metaphysics  | 25      | 13          | 0.520               | 61        | 18          | 0.295               | 2849     | 805         | 0.283               |
| 491        | 7642    | 11672  | 263930 | <a href="#">João Paulo Ferreira</a>                     | <br>Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho           | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Ciências agrárias   | 25      | 19          | 0.760               | 53        | 35          | 0.660               | 2849     | 1582        | 0.555               |
| 6          | 7643    | 11673  | 263941 | <a href="#">Marco Aurélio Romano</a>                    | <br>Brazil   | Universidade Estadual do Centro Oeste UNICENTRO                  | <a href="#">Medical and Health Sciences / Physiology</a><br>Toxicologia da Reprodução   Reprodução Animal   Fisiopatologia   Fisiologia   Endocrinologia                                | 25      | 17          | 0.680               | 43        | 26          | 0.605               | 2847     | 1605        | 0.564               |
| 54         | 7644    | 11674  | 263942 | <a href="#">Helenice Charchat Fichman</a>               | <br>Brazil   | Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO       | neuropsicologia   | 25      | 19          | 0.760               | 41        | 31          | 0.756               | 2847     | 1208        | 0.424               |
| 2          | 7645    | 11675  | 263952 | <a href="#">Fernanda Michalski</a>                      | <br>Brazil   | Universidade Federal do Amapá UNIFAP                             | <a href="#">Natural Sciences / Biological Science</a><br>Conservation Biology   Landscape Ecology   Human-wildlife conflicts  | 25      | 19          | 0.760               | 39        | 29          | 0.744               | 2845     | 1285        | 0.452               |
| 1968       | 7646    | 11676  | 263955 | <a href="#">Junior Barrera</a>                          | <br>Brazil | Universidade de São Paulo USP                                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computational Learning   Statistical Pattern Recognition   Mathematical Morphology   Bioinformatics   Sports Science | 25      | 9           | 0.360               | 62        | 9           | 0.145               | 2844     | 394         | 0.139               |
| 1969       | 7647    | 11677  | 264013 | <a href="#">Silvia Beatriz Boscardin</a>                | <br>Brazil | Universidade de São Paulo USP                                    | <a href="#">Medical and Health Sciences / Parasitology</a><br>Dendritic cell biology   infectious diseases  | 25      | 17          | 0.680               | 41        | 30          | 0.732               | 2833     | 1169        | 0.413               |
| 2          | 7648    | 11679  | 264032 | <a href="#">Eduardo Ramacciotti</a>                     | <br>Brazil | Faculdade de Ciências Médicas da Santa Casa de São Paulo FCMSCSP | <a href="#">Loyola</a><br>Vascular Surgery   Cardiovascular diseases   Peripheral artery disease   Venous Thromboembolism   anticoagulants  | 25      | 19          | 0.760               | 48        | 36          | 0.750               | 2828     | 1807        | 0.639               |
| 19         | 7649    | 11680  | 264043 | <a href="#">Maria Cristina Forti</a>                    | <br>Brazil | Instituto Nacional de Pesquisas Espaciais                        | <a href="#">Pesquisadora titular Instituto Nacional de Pesquisas Espaciais</a><br>Ciclos Biogeoquímicos   Química Atmosférica   Serviços Ambientais                                     | 25      | 15          | 0.600               | 45        | 18          | 0.400               | 2826     | 1135        | 0.402               |
| 539        | 7650    | 11681  | 264051 | <a href="#">Ana Carolina Junqueira Vasques</a>          | <br>Brazil | Universidade Estadual de Campinas UNICAMP                        | Nutrição e Metabolismo  | 25      | 20          | 0.800               | 41        | 32          | 0.780               | 2825     | 1548        | 0.548               |



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| University | Country | Region | World  | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 161        | 7651    | 11682  | 264079 | <a href="#">Júlio Cesar Salton</a>                                       | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Agropecuária Oeste</a><br>soil conservation   integrated crop-livestock systems                                      | 25      | 16          | 0.640               | 49        | 24          | 0.490               | 2820     | 986         | 0.350               |
| 1970       | 7652    | 11683  | 264085 | <a href="#">Nemitala Added</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>física nuclear aplicada   instrumentação   física nuclear experimental   detectores        | 25      | 16          | 0.640               | 69        | 31          | 0.449               | 2819     | 880         | 0.312               |
| 1971       | 7653    | 11684  | 264107 | <a href="#">André De Oliveira Werneck</a>                                | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | Physical activity epidemiology   | 25      | 25          | 1.000               | 65        | 65          | 1.000               | 2815     | 2792        | 0.992               |
| 183        | 7654    | 11685  | 264118 | <a href="#">Pedro Pan</a>  | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   psicométrica   depressão                                       | 25      | 24          | 0.960               | 60        | 57          | 0.950               | 2813     | 2359        | 0.839               |
| 15         | 7655    | 11686  | 264148 | <a href="#">Marcelo Menin</a>  | <br>Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>           | <a href="#">Natural Sciences / Biological Science</a><br>Biologia reprodutiva de anuros   Taxonomia de anuros   Ecologia de comunidades  | 25      | 16          | 0.640               | 49        | 34          | 0.694               | 2808     | 1029        | 0.366               |
| 298        | 7656    | 11690  | 264220 | <a href="#">Lucas Festugato</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geotechnical Engineering  | 25      | 23          | 0.920               | 36        | 36          | 1.000               | 2797     | 1955        | 0.699               |
| 299        | 7657    | 11691  | 264251 | <a href="#">Paulo Schmidt</a>  | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> |  | 25      | 15          | 0.600               | 42        | 22          | 0.524               | 2792     | 759         | 0.272               |
| 1972       | 7658    | 11693  | 264287 | <a href="#">Carlos Maciel</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signal Processing                              | 25      | 19          | 0.760               | 51        | 35          | 0.686               | 2785     | 1370        | 0.492               |
| 1973       | 7659    | 11694  | 264294 | <a href="#">TD Nereus</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Regional Science   Regional Economics   Urban Economics   Environmental Economics   Climate Change | 25      | 19          | 0.760               | 58        | 35          | 0.603               | 2784     | 1408        | 0.506               |
| 15         | 7660    | 11696  | 264340 | <a href="#">Francisco Anacleto Barros Fidelis De Moura Fabf De Moura</a> | <br>Brazil | <a href="#">Universidade Federal de Alagoas</a>                 | <a href="#">Natural Sciences / Physics</a><br>Física   | 25      | 12          | 0.480               | 61        | 19          | 0.311               | 2777     | 741         | 0.267               |
| 300        | 7661    | 11697  | 264359 | <a href="#">José Palazzo Moreira De Oliveira</a>                         | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Conceptual Modeling   e-Learning   Ontology   Context-awareness       | 25      | 12          | 0.480               | 85        | 18          | 0.212               | 2774     | 727         | 0.262               |
| 61         | 7662    | 11698  | 264418 | <a href="#">Frederico Gustavo Rodrigues França</a>                       | <br>Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Herpetology   Ecology   | 25      | 18          | 0.720               | 40        | 28          | 0.700               | 2767     | 1350        | 0.488               |
| 1974       | 7663    | 11699  | 264423 | <a href="#">Joyce Hisae Yamamoto</a>                                     | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Ophthalmology   Uveitis   Immunology                                      | 25      | 15          | 0.600               | 46        | 27          | 0.587               | 2766     | 1186        | 0.429               |
| 62         | 7664    | 11700  | 264447 | <a href="#">Ronei Marcos De Moraes</a>                                   | <br>Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>            | <a href="#">Natural Sciences / Statistics</a>  | 25      | 16          | 0.640               | 87        | 32          | 0.368               | 2762     | 1106        | 0.400               |

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|------------|---------|--------|--------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 301        | 7665    | 11701  | 264454 | <a href="#">Luciano Paschoal Gaspary</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Network and Service Management   Computer System Security  | 25      | 18          | 0.720               | 62        | 27          | 0.435               | 2761     | 1507        | 0.546               |
| 106        | 7666    | 11704  | 264495 | <a href="#">Maria Verônica De Souza</a>                 |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Universidade Federal de Viçosa</a>  | 25      | 17          | 0.680               | 71        | 31          | 0.437               | 2755     | 1269        | 0.461               |
| 14         | 7667    | 11705  | 264513 | <a href="#">Francisco De Assis Ribeiro Dos Santos</a>   |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFES</a> | <a href="#">Natural Sciences / Biological Science</a><br>Palynology - Pollen - Bee products - Micromorphology - Botany  | 25      | 19          | 0.760               | 74        | 48          | 0.649               | 2752     | 1522        | 0.553               |
| 540        | 7668    | 11706  | 264541 | <a href="#">Mara Regina Lemes De Sordi</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Education / Education</a><br>avaliação  | 25      | 15          | 0.600               | 56        | 27          | 0.482               | 2747     | 974         | 0.355               |
| 1975       | 7669    | 11708  | 264574 | <a href="#">Kazuko Uchikawa Graziano</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">em</a><br>processamento de produtos para saúde   controle de infecção   | 25      | 13          | 0.520               | 70        | 19          | 0.271               | 2740     | 782         | 0.285               |
| 16         | 7670    | 11709  | 264579 | <a href="#">Maria Cristina Triguero Veloz Teixeira</a>  |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>            | <a href="#">Social Sciences / Psychology</a><br>Psicologia   Análise do Comportamento   Transtornos do Neurodesenvolvimento   | 25      | 16          | 0.640               | 54        | 33          | 0.611               | 2739     | 1273        | 0.465               |
| 6          | 7671    | 11710  | 264628 | <a href="#">Edesia Martins Barros De Sousa</a>          |  Brazil   | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a> | <a href="#">Pesquisadora do Centro de Desenvolvimento da Tecnologia Nuclear, CDTN/CNEN</a><br>Nanomateriais   sistemas híbridos   bioaplicações materiais magnéticos          | 25      | 18          | 0.720               | 45        | 36          | 0.800               | 2732     | 1011        | 0.370               |
| 541        | 7672    | 11711  | 264635 | <a href="#">Maria José PM Almeida</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Education / Education</a><br>Science Education   Language   Teachers Education   Discourse Analyses   | 25      | 14          | 0.560               | 74        | 23          | 0.311               | 2729     | 865         | 0.317               |
| 1976       | 7673    | 11713  | 264733 | <a href="#">Paulo José Pereira Lima Teixeira</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular biology   Genomics   Plant-microbe interactions   Plant immunity                             | 25      | 22          | 0.880               | 32        | 30          | 0.938               | 2716     | 2275        | 0.838               |
| 75         | 7674    | 11714  | 264745 | <a href="#">Veronica Teichrieb</a>                      |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Augmented Reality   Tracking   Rendering   Interaction   | 25      | 20          | 0.800               | 68        | 41          | 0.603               | 2713     | 1485        | 0.547               |
| 1977       | 7675    | 11715  | 264766 | <a href="#">Giédre Berretin Felix</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">FonoaudiologiFOB/P</a><br>Disfagia Orofaringea   Motricidade Orofacial  | 25      | 18          | 0.720               | 65        | 48          | 0.738               | 2710     | 1394        | 0.514               |
| 542        | 7676    | 11716  | 264811 | <a href="#">Plinio A Barbosa</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>speech   prosody   phonetics   rhythm  | 25      | 14          | 0.560               | 67        | 20          | 0.299               | 2703     | 954         | 0.353               |
| 132        | 7677    | 11719  | 264920 | <a href="#">Daniel Mill</a>                             |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Social Sciences / Open and Distance Education</a><br>Educação a Distância   Educação e Tecnologias   Docência Virtual   Trabalho Docente   Tecnologia Educacional | 25      | 20          | 0.800               | 64        | 38          | 0.594               | 2690     | 1515        | 0.563               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 302        | 7678    | 11720  | 264929 | <a href="#">Felipe Ricachenevsky</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>       | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Physiology   Molecular Biology and Biotechnology   Metal Homeostasis   Transporters   Stress Biology                  | 25      | 23          | 0.920               | 56        | 49          | 0.875               | 2689     | 1925        | 0.716               |
| 1978       | 7679    | 11721  | 264935 | <a href="#">Wellington Andraus</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Transplante Fígado</a><br>Transplante de Fígado   Cirrose   Cirurgia Hepática   | 25      | 21          | 0.840               | 63        | 46          | 0.730               | 2688     | 2033        | 0.756               |
| 11         | 7680    | 11723  | 265009 | <a href="#">Mario Abbud Filho Md</a>                    |  Brazil   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a> | <a href="#">MEDICALFAMERP/HOSPITALBASESaoJoseRioPreto</a><br>kidney transplant   transplant immunology   stem cell  | 25      | 12          | 0.480               | 70        | 20          | 0.286               | 2678     | 841         | 0.314               |
| 27         | 7681    | 11724  | 265013 | <a href="#">Ricardo Antonio Marengo</a>                 |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>           | <a href="#">INPA</a>  | 25      | 15          | 0.600               | 47        | 25          | 0.532               | 2678     | 1007        | 0.376               |
| 13         | 7682    | 11725  | 265020 | <a href="#">Michele Baffi Diniz</a>                     |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Cariologia   Odontopediatria   | 25      | 20          | 0.800               | 55        | 47          | 0.855               | 2677     | 1476        | 0.551               |
| 76         | 7683    | 11727  | 265085 | <a href="#">Wellington Pinheiro Dos Santos</a>          |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                    | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Computational Intelligence   Machine Learning   Neuroscience   Evolutionary Computation   Biomedical Engineering | 25      | 22          | 0.880               | 82        | 60          | 0.732               | 2667     | 2072        | 0.777               |
| 53         | 7684    | 11729  | 265141 | <a href="#">Fernando Cezar Juliatti</a>                 |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                    | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>fitopatologia   biotecnologia   genética e melhoramento de plantas   manejo integrado   fitopatologia                         | 25      | 16          | 0.640               | 79        | 35          | 0.443               | 2658     | 1337        | 0.503               |
| 17         | 7685    | 11730  | 265143 | <a href="#">Maria Izabel Florindo Guedes</a>            |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                        | <a href="#">Medical and Health Sciences / Immunology</a><br>biotecnologia   imunologia   virologia   kits diagnósticos  | 25      | 22          | 0.880               | 48        | 41          | 0.854               | 2658     | 1916        | 0.721               |
| 30         | 7686    | 11732  | 265150 | <a href="#">Jorge Renato Verschoore</a>                 |  Brazil  | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>networks   strategy   cooperation   platforms   blockchain   | 25      | 17          | 0.680               | 41        | 29          | 0.707               | 2657     | 1034        | 0.389               |
| 101        | 7687    | 11733  | 265153 | <a href="#">Marcos Rafael Nanni</a>                     |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Sensoriamento Remoto Agrícola   Classificação de Solos   Manejo de Água e Solo  | 25      | 19          | 0.760               | 63        | 37          | 0.587               | 2656     | 1402        | 0.528               |
| 1979       | 7688    | 11736  | 265199 | <a href="#">João Furtado</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">UniversidSÃO Paulo</a><br>Industrial Economics   Industrial Policy   Innovation   Política Industrial   Desenvolvimento   | 25      | 11          | 0.440               | 50        | 11          | 0.220               | 2650     | 532         | 0.201               |
| 305        | 7689    | 11737  | 265212 | <a href="#">Mariana M Vale</a>                          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Biodiversity   Ecosystem Services   Climate Change   | 25      | 22          | 0.880               | 41        | 36          | 0.878               | 2649     | 2302        | 0.869               |
| 90         | 7690    | 11738  | 265213 | <a href="#">Carlos Roberto Franke</a>                   |  Brazil | <a href="#">Universidade Federal da Bahia</a>                         | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária   Saúde Pública   Epidemiologia   Meio Ambiente   Audiovisual/Popularização da Ciência          | 25      | 18          | 0.720               | 38        | 22          | 0.579               | 2649     | 975         | 0.368               |
| 12         | 7691    | 11740  | 265255 | <a href="#">Roberto Imbuzeiro Oliveira</a>              |  Brazil | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>      | <a href="#">Natural Sciences / Mathematics</a><br>Probability   Mathematical Statistics   Discrete Mathematics   Quantum Information  | 25      | 23          | 0.920               | 37        | 31          | 0.838               | 2644     | 1456        | 0.551               |



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|---|---------|--------|--------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 84  | 7692    | 11742  | 265276 | <a href="#">Maria Inês Tomaél</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Londrina</a>                       | <a href="#">DInforma</a><br>Ciência da Informação   Redes Sociais   Redes de conhecimento   Inovação   Práticas inovadoras   | 25      | 16          | 0.640               | 42        | 23          | 0.548               | 2641     | 940         | 0.356               |
| 6   | 7693    | 11744  | 265299 | <a href="#">Ricardo Cardoso</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia marinha   Oceanografia biológica   Ecologia de Praias Arenosas   Biologia populacional e Produção secundária de invert | 25      | 14          | 0.560               | 44        | 23          | 0.523               | 2638     | 1348        | 0.511               |
| 492   | 7694    | 11745  | 265342 | <a href="#">Adelina Maria Da Silva</a>         |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">TécnicCirúrgicVeterináriMedicinVeterináriãE!</a><br>cirurgia experimental   cirurgia em gatos   cirurgia em cães   técnica cirúrgica   | 25      | 16          | 0.640               | 70        | 31          | 0.443               | 2631     | 1002        | 0.381               |
| 493   | 7695    | 11746  | 265392 | <a href="#">Elizabeth Orika Ono</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia vegetal   | 25      | 15          | 0.600               | 76        | 34          | 0.447               | 2625     | 1062        | 0.405               |
| 328   | 7696    | 11747  | 265402 | <a href="#">Cleida A Oliveira</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da Reprodução   Endocrinologia da Reprodução   | 25      | 14          | 0.560               | 44        | 26          | 0.591               | 2625     | 933         | 0.355               |
| 1980  | 7697    | 11749  | 265424 | <a href="#">Carlos Bacha</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia   | 25      | 13          | 0.520               | 67        | 22          | 0.328               | 2622     | 929         | 0.354               |
| 26  | 7698    | 11750  | 265463 | <a href="#">Antonio Gilson Barbosa De Lima</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Campina Grande</a>                  | <a href="#">Universidade Federal de Campina Grande</a>   | 25      | 16          | 0.640               | 78        | 48          | 0.615               | 2616     | 1452        | 0.555               |
| 133   | 7699    | 11751  | 265469 | <a href="#">Ana Beatriz Oliveira</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Ergonomia   Biomecânica  | 25      | 20          | 0.800               | 65        | 50          | 0.769               | 2615     | 1706        | 0.652               |
| 44  | 7700    | 11752  | 265540 | <a href="#">Mario Carlos Araujo Meireles</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Pelotas UFPEL</a>                   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina veterinária   Veterinária Preventiva   Doenças Infecciosas   Micologia                                     | 25      | 17          | 0.680               | 82        | 36          | 0.439               | 2607     | 1201        | 0.461               |
| 494   | 7701    | 11753  | 265550 | <a href="#">Hilda A Cerdeira</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Physics</a><br>Sistemas complexos   dinâmica não linear   caos  | 25      | 10          | 0.400               | 54        | 10          | 0.185               | 2606     | 428         | 0.164               |
| 329   | 7702    | 11754  | 265553 | <a href="#">Christopher Kushmerick</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Physiology</a><br>Biophysics of the nervous system.  | 25      | 18          | 0.720               | 44        | 28          | 0.636               | 2606     | 908         | 0.348               |
| 91  | 7703    | 11756  | 265576 | <a href="#">Lilian Ramos</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal da Bahia</a>                           | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e envelhecimento   avaliação nutricional   | 25      | 19          | 0.760               | 43        | 32          | 0.744               | 2603     | 1038        | 0.399               |
| 102   | 7704    | 11757  | 265592 | <a href="#">Ieda Harumi Higarashi</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Maringá</a>                        | <a href="#">em</a><br>Enfermagem pediátrica e neonatal   saúde da criança   ética e bioética   educação  | 25      | 19          | 0.760               | 72        | 55          | 0.764               | 2601     | 1523        | 0.586               |

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|------------|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1981       | 7705    | 11758  | 265596 | <a href="#">Neife Aparecida Guinaim Dos Santos</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>toxicology   pharmacology                                  | 25      | 16          | 0.640               | 36        | 22          | 0.611               | 2601     | 1122        | 0.431               |
| 306        | 7706    | 11759  | 265599 | <a href="#">Jurandir Nadal</a>                          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Biomedical Engineering   Signal Processing in Biomechanics and Cardiology | 25      | 15          | 0.600               | 60        | 32          | 0.533               | 2600     | 931         | 0.358               |
| 5          | 7707    | 11760  | 265607 | <a href="#">Isabelle Ferreira</a>                       |  Brazil   | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>                 | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Patologia Veterinária   Terapia Fotodinâmica   Modelos experimentais          | 25      | 15          | 0.600               | 48        | 25          | 0.521               | 2599     | 795         | 0.306               |
| 12         | 7708    | 11761  | 265632 | <a href="#">M Cristina Os Miyazaki</a>                  |  Brazil   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>  | <a href="#">Social Sciences / Psychology</a><br>Health Psychology  | 25      | 16          | 0.640               | 53        | 28          | 0.528               | 2596     | 936         | 0.361               |
| 303        | 7709    | 11763  | 265652 | <a href="#">Artur O Lopes</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Inst.Mat.UFRGS</a><br>Ergodic Theory Thermodynamic Formalism   | 25      | 13          | 0.520               | 63        | 20          | 0.317               | 2594     | 789         | 0.304               |
| 14         | 7710    | 11764  | 265727 | <a href="#">Manlio Silvestre Fernandes</a>              |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Nutrition   Plant Physiology   | 25      | 14          | 0.560               | 61        | 22          | 0.361               | 2586     | 803         | 0.311               |
| 92         | 7711    | 11765  | 265737 | <a href="#">Hypolito José Kalinowski</a>                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Physics</a><br>Photonics  | 25      | 14          | 0.560               | 72        | 20          | 0.278               | 2585     | 830         | 0.321               |
| 107        | 7712    | 11766  | 265740 | <a href="#">Luciano Gomes Fietto</a>                    |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica e Biologia Molecular  | 25      | 18          | 0.720               | 43        | 30          | 0.698               | 2585     | 1196        | 0.463               |
| 77         | 7713    | 11767  | 265763 | <a href="#">Ricardo Bastos C Prudencio</a>              |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Informática - UFPE - Brasil</a><br>Machine Learning   Meta-Learning   Hybrid Intelligent Systems   Link Mining   Text Mining           | 25      | 20          | 0.800               | 63        | 37          | 0.587               | 2581     | 1456        | 0.564               |
| 495        | 7714    | 11769  | 265787 | <a href="#">Ivan G Maia</a>                             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular de Plantas   | 25      | 14          | 0.560               | 44        | 25          | 0.568               | 2578     | 640         | 0.248               |
| 53         | 7715    | 11770  | 265789 | <a href="#">Josélio Maria Galvão De Araújo</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Microbiology</a><br>Virologia  | 25      | 20          | 0.800               | 41        | 34          | 0.829               | 2578     | 1632        | 0.633               |
| 307        | 7716    | 11772  | 265828 | <a href="#">Fernando Lizarralde</a>                     |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Control   Robotics   Automation                          | 25      | 14          | 0.560               | 60        | 22          | 0.367               | 2573     | 735         | 0.286               |
| 1982       | 7717    | 11773  | 265913 | <a href="#">Joao Fernando Gomes De Oliveira</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>sustainability   precision manufacturing   grinding   automation   | 25      | 17          | 0.680               | 52        | 24          | 0.462               | 2563     | 935         | 0.365               |














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| University  | Country | Region | World  | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 26  | 7718    | 11775  | 265933 | <a href="#">Wesley Mendes-Da-Silva</a>         | <br><a href="#">Brazil</a>   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor of Finance, Fundação Getulio Vargas at São Paulo</a><br>Corporate Finance   Corporate Governance   Behavioral Finance   Capital Markets   ESG                                   | 25      | 18          | 0.720               | 54        | 40          | 0.741               | 2561     | 1824        | 0.712               |
| 308   | 7719    | 11776  | 265966 | <a href="#">Eugenius Kaszkurewicz</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">CoppeUFRJRioJaneiroBrasil</a>   | 25      | 11          | 0.440               | 51        | 12          | 0.235               | 2558     | 468         | 0.183               |
| 78  | 7720    | 11777  | 265973 | <a href="#">Leonardo De Souza Menezes</a>      | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Natural Sciences / Physics</a><br>Nonlinear Optics   Nano Optics   Optical Spectroscopy   | 25      | 16          | 0.640               | 51        | 31          | 0.608               | 2557     | 1001        | 0.391               |
| 1983  | 7721    | 11778  | 265980 | <a href="#">Volnei Tita</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>estruturas aeronáuticas   material compósito   estruturas inteligentes   método dos elementos finitos   ensaios experimentais | 25      | 21          | 0.840               | 64        | 47          | 0.734               | 2556     | 1622        | 0.635               |
| 543   | 7722    | 11779  | 265992 | <a href="#">Cecilia Mf Rubira</a>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   | 25      | 8           | 0.320               | 64        | 7           | 0.109               | 2555     | 363         | 0.142               |
| 184   | 7723    | 11781  | 266005 | <a href="#">Anamaria Jones</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">SaoPaulo</a><br>Reabilitacao   Reumatologia   | 25      | 19          | 0.760               | 35        | 25          | 0.714               | 2555     | 1117        | 0.437               |
| 134   | 7724    | 11782  | 266009 | <a href="#">Anselmo O Boschi</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>biomateriais   materiais cerâmicos   revestimentos cerâmicos  | 25      | 13          | 0.520               | 65        | 19          | 0.292               | 2554     | 693         | 0.271               |
| 185   | 7725    | 11783  | 266022 | <a href="#">Monica Muelbert</a>                | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">MarUNIFESP</a>  | 25      | 19          | 0.760               | 37        | 31          | 0.838               | 2553     | 1878        | 0.736               |
| 72  | 7726    | 11785  | 266074 | <a href="#">Nelson Roberto Antoniosi Filho</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Goiás UFG</a>  | <a href="#">Biodiesel</a><br>Combustíveis   Metabolômica  | 25      | 18          | 0.720               | 53        | 38          | 0.717               | 2547     | 1394        | 0.547               |
| 1984  | 7727    | 11786  | 266085 | <a href="#">Pérola De Castro Vasconcelos</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>química atmosférica   | 25      | 19          | 0.760               | 43        | 29          | 0.674               | 2546     | 908         | 0.357               |
| 162   | 7728    | 11789  | 266111 | <a href="#">Paulo Hideo Nakano Rangel</a>      | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Pesquisador da Embrapa Arroz e Feijão</a><br>Recursos Genéticos de Arroz   Genética e Melhoramento de Arroz   | 25      | 13          | 0.520               | 50        | 17          | 0.340               | 2543     | 610         | 0.240               |
| 79  | 7729    | 11793  | 266178 | <a href="#">Leandro Manzoni Vieira</a>         | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Bryozoa   marine invasions   taxonomy   systematics   | 25      | 20          | 0.800               | 42        | 35          | 0.833               | 2537     | 1980        | 0.780               |
| 1985  | 7730    | 11794  | 266188 | <a href="#">Ivanete Susin</a>                  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Nutrition   | 25      | 14          | 0.560               | 83        | 31          | 0.373               | 2535     | 863         | 0.340               |



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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 186   | 7731    | 11795  | 266199 | <a href="#">Julio Abucham</a>                    | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   | 25      | 16          | 0.640               | 42        | 23          | 0.548               | 2534     | 1088        | 0.429               |
| 1986  | 7732    | 11796  | 266220 | <a href="#">Caetano R Miranda</a>                | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Physics   | 25      | 20          | 0.800               | 50        | 35          | 0.700               | 2531     | 1358        | 0.537               |
| 1987  | 7733    | 11798  | 266263 | <a href="#">Ana Lucia De Sa Pinto</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Sports Medicine</a><br>Exercise and Chronic Disease   Sports Medicine in Children   | 25      | 23          | 0.920               | 44        | 44          | 1.000               | 2526     | 1579        | 0.625               |
| 20  | 7734    | 11799  | 266271 | <a href="#">Mario Ueda</a>                       | <br>Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">PhD Cornell University</a><br>plasma   plasma immersion ion implantation   ion implantation   plasma diagnostics   plasma confinement                                 | 25      | 12          | 0.480               | 87        | 20          | 0.230               | 2525     | 595         | 0.236               |
| 1988  | 7735    | 11801  | 266333 | <a href="#">Euclides Marega Jr</a>               | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Physics   | 25      | 16          | 0.640               | 67        | 29          | 0.433               | 2519     | 735         | 0.292               |
| 93  | 7736    | 11802  | 266376 | <a href="#">Luiz Antonio Pierantoni Gamboa</a>   | <br>Brazil   | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Marine Geology and Geophysics  | 25      | 17          | 0.680               | 37        | 25          | 0.676               | 2515     | 971         | 0.386               |
| 135   | 7737    | 11804  | 266400 | <a href="#">Gilmar Eugenio Marques</a>           | <br>Brazil   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Physics</a><br>Optical   Transport and Electronic Properties of Semiconductors Nanostructures  | 25      | 12          | 0.480               | 81        | 23          | 0.284               | 2511     | 672         | 0.268               |
| 1989  | 7738    | 11805  | 266410 | <a href="#">Alessandro Wasum Mariani</a>         | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Thoracic Surgery</a><br>Minimally Invasive Thoracic Surgery   Lung Infections   Robotic Surgery   Thoracic Oncology   Medical Education | 25      | 21          | 0.840               | 58        | 43          | 0.741               | 2510     | 1860        | 0.741               |
| 304   | 7739    | 11806  | 266411 | <a href="#">Lisia Von Diemen</a>                 | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Addiction</a><br>Addiction  | 25      | 19          | 0.760               | 56        | 34          | 0.607               | 2510     | 1282        | 0.511               |
| 67  | 7740    | 11807  | 266413 | <a href="#">Mauro Cesar Geraldes</a>             | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geology   geochronology   mass spectrometry  | 25      | 18          | 0.720               | 55        | 40          | 0.727               | 2510     | 1170        | 0.466               |
| 54  | 7741    | 11811  | 266458 | <a href="#">Rosana Maria Nascimento</a>          | <br>Brazil | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polímeros naturais e sintéticos   análise térmica                                     | 25      | 18          | 0.720               | 52        | 32          | 0.615               | 2505     | 1236        | 0.493               |
| 544   | 7742    | 11813  | 266495 | <a href="#">Sergio Augusto Cunha</a>             | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Biomechanics  | 25      | 18          | 0.720               | 43        | 31          | 0.721               | 2501     | 1341        | 0.536               |
| 184   | 7743    | 11814  | 266521 | <a href="#">Luiz Antonio Teixeira</a>            | <br>Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Fiocruz</a><br>Saúde Coletiva   história  | 25      | 18          | 0.720               | 42        | 30          | 0.714               | 2499     | 1235        | 0.494               |
| 545   | 7744    | 11815  | 266528 | <a href="#">Paulo Joazeiro</a>                   | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Biologia Celular   Histologia   Reprodução   Microscopia Eletrônica   Imunocitoquímica                  | 25      | 14          | 0.560               | 65        | 22          | 0.338               | 2498     | 651         | 0.261               |
| 147   | 7745    | 11816  | 266577 | <a href="#">Luís Roberto Cardoso De Oliveira</a> | <br>Brazil | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Social Sciences / Anthropology</a><br>Direitos   Cidadania   Conflito   Políticas de Reconhecimento   Identidade  | 25      | 16          | 0.640               | 43        | 28          | 0.651               | 2494     | 858         | 0.344               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 92  | 7746    | 11817  | 266609 | <a href="#">Christina Von Flach Garcia Chavez</a> |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   | 25      | 13          | 0.520               | 51        | 15          | 0.294               | 2491     | 556         | 0.223               |
| 309   | 7747    | 11819  | 266637 | <a href="#">De Almeida Lh</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">COPPE</a>   | 25      | 19          | 0.760               | 57        | 39          | 0.684               | 2488     | 1227        | 0.493               |
| 496   | 7748    | 11820  | 266646 | <a href="#">Gisele Maria Schwartz</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Education / Education</a><br>Educação física e Lazer  | 25      | 15          | 0.600               | 58        | 27          | 0.466               | 2487     | 978         | 0.393               |
| 163   | 7749    | 11821  | 266678 | <a href="#">Maria Amelia Ferrao</a>               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Pesquisadora Embrapa Café/Incaper</a><br>Café   melhoramento genetico   | 25      | 18          | 0.720               | 60        | 34          | 0.567               | 2484     | 1148        | 0.462               |
| 5   | 7750    | 11823  | 266691 | <a href="#">Anna Luiza Ilkiu-Borges</a>           |  Brazil   | <a href="#">Museu Paraense Emilio Goeldi</a>                                | <a href="#">Pesquisadora, Museu Paraense Emilio Goeldi</a><br>Taxonomia de Criptógamas  | 25      | 14          | 0.560               | 44        | 27          | 0.614               | 2483     | 1428        | 0.575               |
| 185   | 7751    | 11824  | 266695 | <a href="#">Flavia Ribeiro-Gomes</a>              |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 25      | 19          | 0.760               | 30        | 22          | 0.733               | 2483     | 1050        | 0.423               |
| 3   | 7752    | 11825  | 266704 | <a href="#">Matheus Coelho Bandéca</a>            |  Brazil   | <a href="#">Universidade Ceuma</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 25      | 21          | 0.840               | 76        | 53          | 0.697               | 2481     | 1605        | 0.647               |
| 115   | 7753    | 11827  | 266735 | <a href="#">Marcelo Medeiros</a>                  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>concrete structures - concrete durability - concrete sustainability - concrete materials - concrete | 25      | 23          | 0.920               | 53        | 44          | 0.830               | 2478     | 1726        | 0.697               |
| 546   | 7754    | 11829  | 266750 | <a href="#">Dioze Guadagnini</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">UNICAMP</a><br>Microbiota   insulin resistance   diabetes   obesity   | 25      | 22          | 0.880               | 34        | 29          | 0.853               | 2477     | 1450        | 0.585               |
| 69  | 7755    | 11830  | 266764 | <a href="#">Eduardo Cassel</a>                    |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">da Escola Politécnica da PUCRS</a><br>processos de separação   termodinâmica aplicada   fluidos supercríticos   produtos naturais                           | 25      | 20          | 0.800               | 57        | 43          | 0.754               | 2475     | 1385        | 0.560               |
| 497   | 7756    | 11832  | 266789 | <a href="#">Alfredo Pereira Júnior</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Epistemologia   Ontologia   Neurociência   Gliobiologia   Ciência Cognitiva                               | 25      | 17          | 0.680               | 51        | 23          | 0.451               | 2473     | 912         | 0.369               |
| 330   | 7757    | 11833  | 266799 | <a href="#">Vanessa Lins</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais   Degradação   Tribologia   | 25      | 20          | 0.800               | 62        | 48          | 0.774               | 2472     | 1643        | 0.665               |
| 31  | 7758    | 11835  | 266838 | <a href="#">Ernesto L Lavina</a>                  |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Sedimentologia   Estratigrafia   Geologia do Petróleo   Geologia do Carvão   História da Ciência       | 25      | 17          | 0.680               | 50        | 23          | 0.460               | 2469     | 853         | 0.345               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 63         | 7759    | 11837  | 266861 | <a href="#">Marcia Regina Piuvezam</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Paraíba UFPB</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   | 25      | 16          | 0.640               | 44        | 31          | 0.705               | 2467     | 975         | 0.395               |
| 19         | 7760    | 11839  | 266896 | <a href="#">Rafael Miranda Tassitano</a>                | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">RuralPernambuco</a><br>Physical activity   Nutrition   Public Health   | 25      | 21          | 0.840               | 52        | 33          | 0.635               | 2463     | 1207        | 0.490               |
| 498        | 7761    | 11840  | 266910 | <a href="#">Livia Nordi Dovigo</a>                      | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Metodologia Científica   Terapia Fotodinâmica   Microbiologia Aplicada a Odontologia | 25      | 22          | 0.880               | 33        | 27          | 0.818               | 2462     | 1381        | 0.561               |
| 1990       | 7762    | 11842  | 266919 | <a href="#">Carlos Alberto Pereira</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>Contabilidade  | 25      | 13          | 0.520               | 39        | 17          | 0.436               | 2461     | 657         | 0.267               |
| 54         | 7763    | 11843  | 266920 | <a href="#">Alexandre F Souza</a>                       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Biologia da Conservação   Ecologia vegetal   Dinâmica de Populações   Ecologia de Comunidades    | 25      | 16          | 0.640               | 37        | 28          | 0.757               | 2461     | 1538        | 0.625               |
| 310        | 7764    | 11844  | 266923 | <a href="#">Wagner Barbosa Dias</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">IBCCF</a>  | 25      | 20          | 0.800               | 34        | 29          | 0.853               | 2461     | 1191        | 0.484               |
| 499        | 7765    | 11845  | 266937 | <a href="#">Katia Sivieri</a>                           | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">ciências dos alimentos</a><br>ciências dos alimentos   | 25      | 23          | 0.920               | 47        | 42          | 0.894               | 2458     | 1670        | 0.679               |
| 500        | 7766    | 11846  | 266982 | <a href="#">Robson Frederico Cunha</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   criança   educação  | 25      | 17          | 0.680               | 44        | 29          | 0.659               | 2454     | 942         | 0.384               |
| 1991       | 7767    | 11848  | 267027 | <a href="#">Juliana Falcão Rodrigues</a>                | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Post.of SÃO Paulo</a><br>Microbiology   Immunology   Biodiversity   Vaccine Adjuvant   Vaccine   | 25      | 16          | 0.640               | 52        | 29          | 0.558               | 2450     | 1250        | 0.510               |
| 169        | 7768    | 11850  | 267041 | <a href="#">Selma Regina De Andrade</a>                 | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">G&amp;E</a><br>Gestão em Saúde e Enfermagem   Políticas de saúde   Vigilância em Saúde   | 25      | 21          | 0.840               | 66        | 48          | 0.727               | 2448     | 1679        | 0.686               |
| 1992       | 7769    | 11851  | 267049 | <a href="#">Olavo Pires De Camargo</a>                  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia   oncologia ortopédica   Traumatologia                                       | 25      | 15          | 0.600               | 55        | 34          | 0.618               | 2447     | 964         | 0.394               |
| 148        | 7770    | 11852  | 267059 | <a href="#">Andre Moraes Nicola</a>                     | <br><a href="#">Brazil</a> | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Biotechnology   Mycology   Cell Biology   | 25      | 18          | 0.720               | 37        | 33          | 0.892               | 2447     | 1220        | 0.499               |
| 94         | 7771    | 11856  | 267144 | <a href="#">Julio Cesar Wasserman</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Environmental chemistry of pollutants   management of water resources      | 25      | 15          | 0.600               | 50        | 26          | 0.520               | 2438     | 778         | 0.319               |
| 501        | 7772    | 11857  | 267155 | <a href="#">Maria Emilia Oliveira</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Biotecnologia da ReproduçÃO</a><br>Biotecnologia da Reprodução   | 25      | 19          | 0.760               | 73        | 45          | 0.616               | 2437     | 1369        | 0.562               |

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|------------|---------|--------|--------|---|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 108        | 7773    | 11861  | 267223 | <a href="#">Leonardo Lopes Bhering</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Genética Quantitativa   Melhoramento de plantas   Biometria  | 25      | 19          | 0.760               | 57        | 41          | 0.719               | 2432     | 1535        | 0.631               |
| 116        | 7774    | 11862  | 267231 | <a href="#">Marcelo Pedrosa Gomes</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                  | Heavy metals   phytoremediation   soil contamination   antibiotics   | 25      | 24          | 0.960               | 53        | 45          | 0.849               | 2431     | 1896        | 0.780               |
| 187        | 7775    | 11864  | 267255 | <a href="#">Sergio Luiz Cravo</a>                       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Cardiovascular. Hipertensão   Apnéia do Sono  | 25      | 11          | 0.440               | 51        | 15          | 0.294               | 2429     | 526         | 0.217               |
| 68         | 7776    | 11867  | 267287 | <a href="#">Miguel Tupinambá</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Earth Sciences   Geology  | 25      | 18          | 0.720               | 47        | 24          | 0.511               | 2426     | 1044        | 0.430               |
| 331        | 7777    | 11868  | 267295 | <a href="#">Ricardo Nascimento Araujo</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Parasitology</a><br>parasitology   | 25      | 17          | 0.680               | 49        | 34          | 0.694               | 2425     | 1237        | 0.510               |
| 73         | 7778    | 11869  | 267296 | <a href="#">Marcelo Fouad Rabahi</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Goiás UFG</a>               | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Medicina   | 25      | 21          | 0.840               | 46        | 35          | 0.761               | 2425     | 1528        | 0.630               |
| 93         | 7779    | 11870  | 267328 | <a href="#">Gisele Olimpio Da Rocha</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>química atmosférica   química ambiental   química analítica e química de alimentos   | 25      | 19          | 0.760               | 43        | 33          | 0.767               | 2422     | 1203        | 0.497               |
| 305        | 7780    | 11871  | 267342 | <a href="#">Cristiane Pizzutti</a>                      | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Business &amp; Management / Marketing</a><br>consumer behavior service marketing trust   | 25      | 18          | 0.720               | 47        | 31          | 0.660               | 2421     | 1058        | 0.437               |
| 547        | 7781    | 11872  | 267350 | <a href="#">Cesar Santana</a>                           | <br><a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>separation   adsorption   chromatography   enantiomers  | 25      | 14          | 0.560               | 57        | 21          | 0.368               | 2420     | 808         | 0.334               |
| 170        | 7782    | 11875  | 267396 | <a href="#">Thereza Lima</a>                            | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Neuropharmacology   Neuroscience   Medicinal Plants                                   | 25      | 14          | 0.560               | 48        | 19          | 0.396               | 2415     | 680         | 0.282               |
| 164        | 7783    | 11876  | 267425 | <a href="#">Magna Soelma Beserra De Moura</a>           | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agrometeorologia   Meteorologia Agrícola   Micrometeorologia   Relações Solo-Água-Planta-Atmosfera   Fluxos de energia e carbono | 25      | 21          | 0.840               | 62        | 43          | 0.694               | 2413     | 1528        | 0.633               |
| 1993       | 7784    | 11877  | 267440 | <a href="#">João Luís Ferreira Batista</a>              | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Mensuração e Biometria Florestal</a><br>mensuração florestal   biometria florestal   estatística   ecologia quantitativa   | 25      | 13          | 0.520               | 47        | 17          | 0.362               | 2412     | 653         | 0.271               |
| 60         | 7785    | 11879  | 267477 | <a href="#">Mozar José Brito</a>                        | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Business &amp; Management / Business Administration</a><br>Estudos organizacionais   Teorias da Prática aplicadas à administração   Teoria Institucional                         | 25      | 17          | 0.680               | 75        | 37          | 0.493               | 2408     | 1123        | 0.466               |
| 20         | 7786    | 11880  | 267487 | <a href="#">Fábio André Santos</a>                      | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 25      | 20          | 0.800               | 59        | 37          | 0.627               | 2407     | 1235        | 0.513               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 21         | 7787    | 11882  | 267495 | <a href="#">Stella Kossatz Pereira</a>                  |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística  | 25      | 23          | 0.920               | 31        | 28          | 0.903               | 2407     | 1588        | 0.660               |
| 1994       | 7788    | 11883  | 267513 | <a href="#">José Leon Crochik</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Psychology</a>   | 25      | 15          | 0.600               | 53        | 26          | 0.491               | 2405     | 889         | 0.370               |
| 7          | 7789    | 11884  | 267521 | <a href="#">Fabiana Mantovani Gomes França</a>          |  Brazil   | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>    | <a href="#">Medical and Health Sciences / Dentistry</a><br>materiais dentários   adesividade   implantodontia   cerâmicas odontológicas        | 25      | 19          | 0.760               | 72        | 48          | 0.667               | 2404     | 1457        | 0.606               |
| 103        | 7790    | 11885  | 267538 | <a href="#">Wanderley Dantas Dos Santos</a>             |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cell wall architecture   bioenergy   lignin   hydrolases   life origin  | 25      | 22          | 0.880               | 36        | 32          | 0.889               | 2403     | 1767        | 0.735               |
| 1995       | 7791    | 11887  | 267555 | <a href="#">Caetano Juliani</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Vulcanismo   Mineralizações   Alteração Hidrotermal   Metamorfismo   Amazônia | 25      | 20          | 0.800               | 60        | 40          | 0.667               | 2401     | 1209        | 0.504               |
| 5          | 7792    | 11891  | 267615 | <a href="#">Renato de Almeida Sarmento</a>              |  Brazil   | <a href="#">Universidade Federal do Norte do Tocantins</a>      | <a href="#">Professor Associado Fundação Universidade Federal do Tocantins</a><br>Entomologia   Ecologia   Acarologia   Biologia               | 25      | 20          | 0.800               | 59        | 45          | 0.763               | 2395     | 1352        | 0.565               |
| 4          | 7793    | 11892  | 267634 | <a href="#">Silvia Regina Almeida Reis</a>              |  Brazil   | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>      | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia Oral   Estomatologia   Genética   | 25      | 17          | 0.680               | 45        | 24          | 0.533               | 2394     | 855         | 0.357               |
| 1996       | 7794    | 11894  | 267641 | <a href="#">Antonio Domingues De Figueiredo</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSAfo Paulo</a><br>Fibre reinforced concrete   sprayed concrete   pre-cast concrete   tunnels                              | 25      | 21          | 0.840               | 54        | 35          | 0.648               | 2393     | 1485        | 0.621               |
| 95         | 7795    | 11895  | 267650 | <a href="#">Felipe Zandonadi Brandao</a>                |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                 | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária   Reprodução Animal                                  | 25      | 22          | 0.880               | 79        | 68          | 0.861               | 2392     | 1733        | 0.724               |
| 13         | 7796    | 11896  | 267660 | <a href="#">Adriana Guimaraes</a>                       |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>  | <a href="#">Udesc</a><br>atividade fisica e saúde   oncologia   dança  | 25      | 18          | 0.720               | 60        | 36          | 0.600               | 2391     | 1175        | 0.491               |
| 32         | 7797    | 11898  | 267692 | <a href="#">Patricia A Jaques</a>                       |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Computers & Education   Affective Computing       | 25      | 14          | 0.560               | 58        | 26          | 0.448               | 2388     | 1197        | 0.501               |
| 1997       | 7798    | 11899  | 267722 | <a href="#">Jane Gregorio Hetem</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSao Paulo</a><br>Professora de Astronomia   | 25      | 13          | 0.520               | 37        | 18          | 0.486               | 2386     | 624         | 0.262               |
| 16         | 7799    | 11901  | 267773 | <a href="#">RL Sommer</a>                               |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Centro Brasileiro de Pesquisas Físicas - CBPF/MCTIC</a><br>Magnetismo   Materiais Magnéticos e suas Aplicações                     | 25      | 14          | 0.560               | 49        | 22          | 0.449               | 2381     | 696         | 0.292               |
| 69         | 7800    | 11904  | 267805 | <a href="#">Marcelo Manzi Marinho</a>                   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Limnology   Phytoplankton Ecology   Lake Restoration                                  | 25      | 21          | 0.840               | 42        | 35          | 0.833               | 2378     | 1153        | 0.485               |
| 1998       | 7801    | 11905  | 267817 | <a href="#">Roberto De Cleve</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MedicinP</a><br>medicina   | 25      | 16          | 0.640               | 56        | 38          | 0.679               | 2377     | 1066        | 0.448               |



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|------------|---------|--------|--------|---|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 502        | 7802    | 11907  | 267833 | <a href="#">Alvaro De Souza Dutra</a>                   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">UNESP - Universidade Estadual Paulista</a>  | 25      | 12          | 0.480               | 57        | 15          | 0.263               | 2376     | 561         | 0.236               |
| 171        | 7803    | 11909  | 267871 | <a href="#">Paulo Selig</a>                             | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Knowledge management</a><br>indicadores performance   costs management   intelectual capital  | 25      | 17          | 0.680               | 52        | 26          | 0.500               | 2373     | 1321        | 0.557               |
| 548        | 7804    | 11910  | 267910 | <a href="#">Sonia Cyrino</a>                            | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Social Sciences / Linguistics and Literature</a><br>sintaxe gerativa   mudança sintática  | 25      | 15          | 0.600               | 48        | 25          | 0.521               | 2370     | 860         | 0.363               |
| 1999       | 7805    | 11911  | 267915 | <a href="#">Carla Barbosa Nonino</a>                    | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   obesidade   cirurgia bariátrica   alimentação hospitalar   nutrigenômica      | 25      | 21          | 0.840               | 60        | 40          | 0.667               | 2369     | 1379        | 0.582               |
| 55         | 7806    | 11912  | 267916 | <a href="#">Arthur MB Braga</a>                         | <br>Brazil   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Applied Mechanics   Sensors   Petroleum Engineering                                      | 25      | 15          | 0.600               | 51        | 22          | 0.431               | 2369     | 812         | 0.343               |
| 549        | 7807    | 11913  | 267917 | <a href="#">Antonieta Keiko Kakuda Shimo</a>            | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | saude da mulher   enfermagem  | 25      | 19          | 0.760               | 50        | 36          | 0.720               | 2369     | 1170        | 0.494               |
| 28         | 7808    | 11914  | 267918 | <a href="#">Teodorico Alves Sobrinho</a>                | <br>Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                 | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water & Soil Engineering   Water Resources                              | 25      | 18          | 0.720               | 48        | 32          | 0.667               | 2369     | 1220        | 0.515               |
| 15         | 7809    | 11915  | 267973 | <a href="#">Aivaldo Fonseca</a>                         | <br>Brazil  | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>         | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology  | 25      | 15          | 0.600               | 77        | 34          | 0.442               | 2364     | 1011        | 0.428               |
| 14         | 7810    | 11916  | 267976 | <a href="#">Roberto Vieira Martins</a>                  | <br>Brazil | <a href="#">Observatorio Nacional</a>                                      | <a href="#">Observatório Nacional</a><br>astronomia   mecânica celeste   sistema solar  | 25      | 14          | 0.560               | 56        | 18          | 0.321               | 2364     | 787         | 0.333               |
| 2000       | 7811    | 11920  | 268005 | <a href="#">Shaiane Da Silva Tomazoni</a>               | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Physical Therapy   Photobiomodulation Therapy   Low-Level Laser Therapy   Evidence- Based Practice | 25      | 23          | 0.920               | 34        | 32          | 0.941               | 2362     | 1501        | 0.635               |
| 2          | 7812    | 11922  | 268034 | <a href="#">Mauro Korn</a>                              | <br>Brazil | <a href="#">Universidade do Estado da Bahia UNEB</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   Preparo de Amostras   Automação   Sonoquímica   | 25      | 11          | 0.440               | 41        | 13          | 0.317               | 2360     | 570         | 0.242               |
| 96         | 7813    | 11923  | 268043 | <a href="#">Pablo Pandolfo</a>                          | <br>Brazil | <a href="#">Universidade Federal Fluminense</a>                            | Drug abuse   attention   impulsivity   animal behavior  | 25      | 19          | 0.760               | 31        | 29          | 0.935               | 2360     | 915         | 0.388               |
| 149        | 7814    | 11924  | 268058 | <a href="#">João Paulo Figueiró Longo</a>               | <br>Brazil | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   Photodynamic Therapy   Nanomedicine   Cell Biology              | 25      | 23          | 0.920               | 50        | 43          | 0.860               | 2358     | 1773        | 0.752               |



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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 104        | 7815    | 11927  | 268081 | <a href="#">Eliane Gasparino</a>                        |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Melhoramento Animal e biotecnologia   | 25      | 18          | 0.720               | 71        | 42          | 0.592               | 2356     | 1313        | 0.557               |
| 186        | 7816    | 11928  | 268088 | <a href="#">Raphael Mendonça Guimarães</a>              |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Demografia   Políticas Públicas   Indicadores Sociais  | 25      | 20          | 0.800               | 68        | 51          | 0.750               | 2355     | 1507        | 0.640               |
| 2001       | 7817    | 11929  | 268107 | <a href="#">Francisco Baptista Assumpção Junior</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Social Sciences / Psychology</a><br>autismo   psiquiatria de crianças   psiquiatria de adolescente   Transtorno do desenvolvimento   paixão  | 25      | 14          | 0.560               | 53        | 21          | 0.396               | 2353     | 765         | 0.325               |
| 2002       | 7818    | 11934  | 268204 | <a href="#">Luis Fernando Hindi Basile</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Psicofisiologia EEG/MEG  | 25      | 15          | 0.600               | 64        | 27          | 0.422               | 2343     | 825         | 0.352               |
| 16         | 7819    | 11936  | 268275 | <a href="#">Maria Francisca Teixeira</a>                |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>       | <a href="#">Biotecnologia Tecnologia Alimentos Micoteca Micologia Geral Micologia Industrial </a><br>Biotecnologia   Tecnologia de Alimentos   Micoteca   Micologia Geral   Micologia Industrial | 25      | 18          | 0.720               | 49        | 34          | 0.694               | 2338     | 1130        | 0.483               |
| 2003       | 7820    | 11937  | 268277 | <a href="#">Maria Alice De Mathis</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Obsessive-compulsive disorder   tic disorders  | 25      | 17          | 0.680               | 31        | 27          | 0.871               | 2338     | 989         | 0.423               |
| 2004       | 7821    | 11939  | 268287 | <a href="#">Fátima A Caromano</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Psicologia Experimental   Neurociências  | 25      | 16          | 0.640               | 65        | 39          | 0.600               | 2336     | 972         | 0.416               |
| 2005       | 7822    | 11942  | 268321 | <a href="#">Andre Malbergier</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   álcool e drogas   HIV/AIDS   | 25      | 16          | 0.640               | 38        | 23          | 0.605               | 2333     | 796         | 0.341               |
| 2          | 7823    | 11943  | 268332 | <a href="#">Haroldo Matos</a>                           |  Brazil   | <a href="#">Evandro Chagas Institute</a>                    | <a href="#">Pesquisador Adjunto, Instituto Evandro Chagas</a><br>Epidemiologia   Infectologia  | 25      | 13          | 0.520               | 43        | 18          | 0.419               | 2332     | 808         | 0.346               |
| 2006       | 7824    | 11944  | 268340 | <a href="#">Janaina De Moura Engracia Giraldi</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Business &amp; Management / Marketing</a><br>Marketing   | 25      | 18          | 0.720               | 73        | 43          | 0.589               | 2331     | 1436        | 0.616               |
| 172        | 7825    | 11945  | 268346 | <a href="#">Ivonete Heideman</a>                        |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">enfermag</a><br>Atenção Primária a Saúde   Promoção da Saúde   determinantes sociais da saúde   determinação social   pesquisa ação part   | 25      | 21          | 0.840               | 48        | 41          | 0.854               | 2331     | 1763        | 0.756               |
| 12         | 7826    | 11946  | 268369 | <a href="#">Valéria Dutra</a>                           |  Brazil | <a href="#">Universidade Federal de Mato Grosso</a>         | <a href="#">Medical and Health Sciences / Microbiology</a><br>bacteriologia   biologia molecular   medicina veterinária  | 25      | 16          | 0.640               | 69        | 34          | 0.493               | 2329     | 1160        | 0.498               |
| 35         | 7827    | 11948  | 268381 | <a href="#">Iseli Lourenço Nantes Cardoso</a>           |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biofísica   Biologia Celular   Nanotecnologia   | 25      | 15          | 0.600               | 59        | 29          | 0.492               | 2328     | 803         | 0.345               |
| 2007       | 7828    | 11949  | 268391 | <a href="#">Umberto Cesar Corrêa</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSão Paulo</a>   | 25      | 17          | 0.680               | 69        | 29          | 0.420               | 2327     | 998         | 0.429               |
| 136        | 7829    | 11952  | 268418 | <a href="#">Lilian Magalhaes</a>                        |  Brazil | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">SaoCarlos</a><br>pesquisa qualitativa  | 25      | 23          | 0.920               | 38        | 32          | 0.842               | 2325     | 1587        | 0.683               |
| 332        | 7830    | 11955  | 268473 | <a href="#">Fernanda Rcl Almeida</a>                    |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Fisiopatologia da reprodução e inseminação artificial  | 25      | 16          | 0.640               | 48        | 31          | 0.646               | 2320     | 912         | 0.393               |

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| University | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 333        | 7831    | 11957  | 268509 | <a href="#">Juan C. González</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Natural Sciences / Physics</a><br>crystal growth   photovoltaics   nanotechnology   semiconductor devices   machine learning spectroscopy          | 25      | 17          | 0.680               | 57        | 29          | 0.509               | 2317     | 936         | 0.404               |
| 137        | 7832    | 11959  | 268543 | <a href="#">Ana Paula Serrata Malfitano</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Terapi Ocupacional SÃo Carlos</a><br>Terapia Ocupacional Social   Saúde Pública   Juventude   Políticas Públicas   Direitos e Cidadania            | 25      | 21          | 0.840               | 64        | 42          | 0.656               | 2313     | 1594        | 0.689               |
| 61         | 7833    | 11960  | 268545 | <a href="#">Rubens Manoel Dos Santos</a>                | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia  | 25      | 20          | 0.800               | 58        | 46          | 0.793               | 2313     | 1555        | 0.672               |
| 188        | 7834    | 11962  | 268565 | <a href="#">Fernando Baldy Dos Reis</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia   Traumatologia   Cirurgia de Mão   Qualidade de Vida   Microcirurgia  | 25      | 17          | 0.680               | 60        | 33          | 0.550               | 2311     | 967         | 0.418               |
| 165        | 7835    | 11963  | 268571 | <a href="#">Daniel Luis Mascia Vieira</a>               | <br><a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Researcher at Embrapa Recursos Genéticos e Biotenologia</a><br>Restoration Ecology   Integrated Agricultural Systems                               | 25      | 21          | 0.840               | 34        | 29          | 0.853               | 2311     | 1342        | 0.581               |
| 306        | 7836    | 11964  | 268588 | <a href="#">Iran Correa</a>                             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGS</a><br>Topografia   Morfologia Marinha   Sedimentação Marinha   Geofísica Marinha  | 25      | 15          | 0.600               | 62        | 27          | 0.435               | 2308     | 845         | 0.366               |
| 138        | 7837    | 11966  | 268602 | <a href="#">Thelma Matsukura</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>              | terapia ocupacional   saúde mental   saúde mental infantil   desenvolvimento sócio-emocional   suporte social  | 25      | 22          | 0.880               | 63        | 49          | 0.778               | 2307     | 1452        | 0.629               |
| 2008       | 7838    | 11967  | 268608 | <a href="#">Celso Pupo Pesce</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Dynamics   Fluid-Structure Interactions   Structural Mechanics   Marine Hydrodynamics | 25      | 15          | 0.600               | 69        | 28          | 0.406               | 2306     | 917         | 0.398               |
| 4          | 7839    | 11969  | 268686 | <a href="#">Valerio Monteiro Neto</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Ceuma</a>                              | <a href="#">Medical and Health Sciences / Microbiology</a><br>Medical Microbiology   Bacterial Pathogenicity   | 25      | 20          | 0.800               | 38        | 28          | 0.737               | 2301     | 1148        | 0.499               |
| 62         | 7840    | 11970  | 268697 | <a href="#">Eduardo Van Den Berg</a>                    | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Ecology   Population Ecology   Community Ecology   | 25      | 15          | 0.600               | 44        | 23          | 0.523               | 2300     | 945         | 0.411               |
| 5          | 7841    | 11971  | 268698 | <a href="#">Andrea Nóbrega Cavalcanti</a>               | <br><a href="#">Brazil</a> | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 25      | 17          | 0.680               | 40        | 27          | 0.675               | 2300     | 1051        | 0.457               |
| 173        | 7842    | 11972  | 268706 | <a href="#">Mariane Cardoso</a>                         | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Medical and Health Sciences / Dentistry</a><br>odopediatria   traumatismo dental   endodontia em dentes deciduos                                   | 25      | 19          | 0.760               | 55        | 34          | 0.618               | 2299     | 1132        | 0.492               |
| 55         | 7843    | 11973  | 268729 | <a href="#">Jose Magno Queiroz Luz</a>                  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">AgráriasUberlândia</a><br>Fitotecnica   Horticultura   Biotecnologia   Cultura de Tecidos  | 25      | 18          | 0.720               | 63        | 35          | 0.556               | 2297     | 1153        | 0.502               |
| 550        | 7844    | 11974  | 268754 | <a href="#">Adriano Pinto Mariano</a>                   | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">UNICAMP</a><br>Biorefineries   Technology   Process Design   Modeling and Optimization of Biochemical Processes   Bio-based chemicals              | 25      | 19          | 0.760               | 50        | 34          | 0.680               | 2295     | 1200        | 0.523               |

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| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2009  | 7845    | 11976  | 268796 | <a href="#">Dominique Tilkin Gallois</a>     | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   Etnologia ameríndia  | 25      | 15          | 0.600               | 39        | 24          | 0.615               | 2291     | 829         | 0.362               |
| 2010  | 7846    | 11977  | 268797 | <a href="#">Mateus Gerolamo</a>              | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Gestão da Qualidade   Gestão da Mudança   Gestão de Projetos   Supply Chain Management                                       | 25      | 20          | 0.800               | 37        | 29          | 0.784               | 2291     | 1465        | 0.639               |
| 150   | 7847    | 11978  | 268865 | <a href="#">Elenice S Hanna</a>              | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">UniversidBrasília</a><br>Análise do Comportamento   | 25      | 14          | 0.560               | 35        | 22          | 0.629               | 2286     | 678         | 0.297               |
| 551   | 7848    | 11979  | 268873 | <a href="#">Fernando Iikawa</a>              | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Physics</a><br>optical properties - condensed matter - physics   | 25      | 13          | 0.520               | 52        | 18          | 0.346               | 2285     | 598         | 0.262               |
| 552   | 7849    | 11980  | 268895 | <a href="#">Rickson C Mesquita</a>           | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Physics</a><br>physics   biomedical optics   near-infrared spectroscopy  | 25      | 20          | 0.800               | 40        | 34          | 0.850               | 2283     | 1326        | 0.581               |
| 334   | 7850    | 11981  | 268933 | <a href="#">Melissa Orlandin Premaor</a>     | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">ClínicaMédicaUniversidMinasGerais</a><br>Metabolismo Ósseo  | 25      | 19          | 0.760               | 37        | 27          | 0.730               | 2280     | 1085        | 0.476               |
| 105   | 7851    | 11982  | 268940 | <a href="#">Graciette Matioli</a>            | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Biotecnologia   Enzimas   Ciência e Tecnologia de Alimentos   Microbiologia Industrial e de Fermentação   Desenvolvimento de Medi | 25      | 15          | 0.600               | 52        | 32          | 0.615               | 2279     | 1141        | 0.501               |
| 151   | 7852    | 11983  | 268947 | <a href="#">João Bl Martins</a>              | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Natural Sciences / Physics</a><br>Computational chemistry   theoretical chemistry   molecular modeling  | 25      | 15          | 0.600               | 73        | 28          | 0.384               | 2278     | 859         | 0.377               |
| 1   | 7853    | 11985  | 268971 | <a href="#">Bruno A Paes Barreto</a>         | <br>Brazil   | <a href="#">Centro Universitário do Estado do Pará CESUPA</a>               | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Educação Médica   Metodologias de Ensino e Aprendizagem   Alergia e Imunologia   Microbiota e Probióticos                                    | 25      | 20          | 0.800               | 30        | 24          | 0.800               | 2277     | 1417        | 0.622               |
| 70  | 7854    | 11988  | 268992 | <a href="#">Márcio Donadio</a>               | <br>Brazil  | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   Fisioterapia   Fisiologia   Estresse   Exercício   | 25      | 21          | 0.840               | 59        | 46          | 0.780               | 2274     | 1583        | 0.696               |
| 2011  | 7855    | 11989  | 268996 | <a href="#">Luis Henrique Wolff Gowdak</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">CoraA&amp;AfoHospitaldasClínicasMedicinP</a><br>Doença arterial coronária   | 25      | 14          | 0.560               | 43        | 21          | 0.488               | 2274     | 969         | 0.426               |
| 2012  | 7856    | 11990  | 268997 | <a href="#">Elbio D Amico</a>                | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematologia   Coagulação   Hemostasia   | 25      | 14          | 0.560               | 41        | 20          | 0.488               | 2274     | 841         | 0.370               |
| 21  | 7857    | 11991  | 268999 | <a href="#">Leila Droprinchinski Martins</a> | <br>Brazil | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>            | <a href="#">Tecnológica</a><br>poluição do ar   clima e saúde   | 25      | 22          | 0.880               | 55        | 47          | 0.855               | 2273     | 1584        | 0.697               |


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| University | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 503        | 7858    | 11993  | 269019 | <a href="#">Arthur Pombo Almeida</a>                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária Preventiva (controle de mastite) - Qualidade do leite                          | 25      | 14          | 0.560               | 56        | 23          | 0.411               | 2271     | 828         | 0.365               |
| 27         | 7859    | 11994  | 269028 | <a href="#">Carlos Eduardo Veiga De Carvalho</a>         |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Universidade Estadual do Norte Fluminense</a>  | 25      | 12          | 0.480               | 44        | 22          | 0.500               | 2270     | 702         | 0.309               |
| 152        | 7860    | 11995  | 269029 | <a href="#">João Alexandre Ribeiro Gonçalves Barbosa</a> |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                            | <a href="#">UniversidBrasília</a><br>Structural Biology  | 25      | 14          | 0.560               | 42        | 23          | 0.548               | 2270     | 727         | 0.320               |
| 504        | 7861    | 11998  | 269078 | <a href="#">Angela Cristina Cilense Zuanon</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontopediatria   materiais dentários   | 25      | 17          | 0.680               | 49        | 25          | 0.510               | 2265     | 1052        | 0.464               |
| 12         | 7862    | 12000  | 269105 | <a href="#">Adolfo Sachsida</a>                          |  Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   | 25      | 15          | 0.600               | 54        | 27          | 0.500               | 2262     | 826         | 0.365               |
| 2013       | 7863    | 12001  | 269112 | <a href="#">Rosalinda Yossie Asato De Camargo</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>thyroid disease   thyroid nodule   thyroid cancer  | 25      | 12          | 0.480               | 43        | 18          | 0.419               | 2262     | 485         | 0.214               |
| 189        | 7864    | 12003  | 269139 | <a href="#">Sang Won Han</a>                             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Biophysics</a><br>gene therapy   cell therapy   advanced therapy   | 25      | 17          | 0.680               | 67        | 31          | 0.463               | 2260     | 1018        | 0.450               |
| 553        | 7865    | 12004  | 269142 | <a href="#">Fernando Sarti</a>                           |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Economics &amp; Econometrics / Economics</a><br>Internacionalização produtiva e comercial   Financeirização   Empresas transnacionais   Investimento   China | 25      | 15          | 0.600               | 43        | 20          | 0.465               | 2260     | 714         | 0.316               |
| 2014       | 7866    | 12005  | 269154 | <a href="#">Flávio De Oliveira Pires</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | exercise   fatigue   RPE   | 25      | 20          | 0.800               | 60        | 43          | 0.717               | 2259     | 1440        | 0.637               |
| 63         | 7867    | 12006  | 269160 | <a href="#">Brigida De Souza</a>                         |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>controle biológico   | 25      | 14          | 0.560               | 70        | 23          | 0.329               | 2258     | 871         | 0.386               |
| 2          | 7868    | 12008  | 269193 | <a href="#">Marta Bastos</a>                             |  Brazil | <a href="#">Universidade São Judas Tadeu</a>                            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>inflammation   immunology   aging science   molecular biology                                     | 25      | 19          | 0.760               | 32        | 27          | 0.844               | 2256     | 1052        | 0.466               |
| 22         | 7869    | 12009  | 269202 | <a href="#">Vera Maria Nigro De Souza Placco</a>         |  Brazil | <a href="#">Pontifícia Universidade Católica de São Paulo PUC-SP</a>    | <a href="#">Education / Education</a><br>Coordenação Pedagógica   Formação de Professores   Movimentos Identitários do Adulto Professor                                  | 25      | 16          | 0.640               | 47        | 29          | 0.617               | 2255     | 909         | 0.403               |
| 2015       | 7870    | 12010  | 269211 | <a href="#">Carla Gentile Matas</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | Potenciais Evocados Auditivos   Audiologia   Fonoaudiologa   | 25      | 16          | 0.640               | 83        | 39          | 0.470               | 2254     | 992         | 0.440               |





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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 13  | 7871    | 12011  | 269219 | <a href="#">Fernanda De Negri</a>                   | <br>Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>               | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Innovation   foreign trade   foreign direct investment   microeconomics   S&T policy     | 25    | 17          | 0.680               | 68    | 36          | 0.529               | 2253  | 1043        | 0.463               |
| 190   | 7872    | 12012  | 269236 | <a href="#">Sonia Hatsue Tatumi</a>                 | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Datação por TL e LOE   Dosimetria TL e LOE com cristais nanoestruturados              | 25    | 16          | 0.640               | 51    | 24          | 0.471               | 2252  | 846         | 0.376               |
| 2016  | 7873    | 12013  | 269253 | <a href="#">Tania Correa De Toledo Ferraz Alves</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a>   | 25    | 15          | 0.600               | 38    | 24          | 0.632               | 2251  | 1085        | 0.482               |
| 109   | 7874    | 12014  | 269264 | <a href="#">Luiz Oliveira</a>                       | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Federal University of Viçosa</a><br>phylogeography   phylogeny   molecular ecology   seasonal forests   plant pathogenic fungi               | 25    | 17          | 0.680               | 57    | 33          | 0.579               | 2249  | 1130        | 0.502               |
| 335   | 7875    | 12015  | 269273 | <a href="#">Ana Cristina Côrtes Gama</a>            | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Fonoaudiologia</a><br>voz   disfonia   análise acústica  | 25    | 17          | 0.680               | 75    | 42          | 0.560               | 2248  | 1226        | 0.545               |
| 117   | 7876    | 12016  | 269280 | <a href="#">Fabian Fraiz</a>                        | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Odontologia Preventiva   Saúde Coletiva   Epidemiologia   Educação em Saúde | 25    | 22          | 0.880               | 43    | 38          | 0.884               | 2248  | 1448        | 0.644               |
| 64  | 7877    | 12018  | 269302 | <a href="#">Márcio Gilberto Zangeronimo</a>         | <br>Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Science - Poultry Science  | 25    | 18          | 0.720               | 68    | 45          | 0.662               | 2246  | 1335        | 0.594               |
| 505   | 7878    | 12020  | 269364 | <a href="#">Patrícia Rosa Oliveira</a>              | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">JovRioClaro/SP</a><br>Toxicologia   Histologia   Biologia Celular   Medicina Veterinária.  | 25    | 20          | 0.800               | 61    | 47          | 0.770               | 2241  | 1151        | 0.514               |
| 8   | 7879    | 12022  | 269385 | <a href="#">Marcia Regina Martins Alvarenga</a>     | <br>Brazil  | <a href="#">Universidade Estadual de Mato Grosso do Sul</a>            | <a href="#">MatoGrossoSul</a><br>Saúde do adulto e do idoso nos diversos níveis de atenção   | 25    | 18          | 0.720               | 38    | 24          | 0.632               | 2240  | 981         | 0.438               |
| 506   | 7880    | 12024  | 269397 | <a href="#">Antonio Aparecido De Andrade</a>        | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Mathematics</a><br>Códigos e reticulados  | 25    | 15          | 0.600               | 53    | 22          | 0.415               | 2238  | 1115        | 0.498               |
| 191   | 7881    | 12028  | 269420 | <a href="#">Sabine Pompeia</a>                      | <br>Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Psychology</a><br>Cognitive psychology   psychopharmacology   adolescence/puberty   sleep   behavior                       | 25    | 15          | 0.600               | 53    | 25          | 0.472               | 2236  | 734         | 0.328               |
| 139   | 7882    | 12029  | 269452 | <a href="#">Maurizio Ferrante</a>                   | <br>Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materials science   metallurgy                               | 25    | 15          | 0.600               | 51    | 25          | 0.490               | 2233  | 616         | 0.276               |
| 2017  | 7883    | 12030  | 269456 | <a href="#">Marcus Vinícius C Baldo</a>             | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience   | 25    | 17          | 0.680               | 42    | 29          | 0.690               | 2233  | 806         | 0.361               |
| 64  | 7884    | 12031  | 269480 | <a href="#">Mailson Monteiro Do Rego</a>            | <br>Brazil | <a href="#">Universidade Federal da Paraíba UFPE</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Melhoramento de Plantas   Genética   Biotecnologia                                | 25    | 17          | 0.680               | 61    | 35          | 0.574               | 2230  | 1179        | 0.529               |







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| University | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 118        | 7885    | 12032  | 269496 | <a href="#">Fabiano Montiani Ferreira</a>                           | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>  | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>comparative ophthalmology   veterinary ophthalmology  | 25      | 17          | 0.680               | 72        | 37          | 0.514               | 2229     | 1015        | 0.455               |
| 2018       | 7886    | 12033  | 269499 | <a href="#">Amando Siuiti Ito</a>                                   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Biophysics</a><br>Biofísica molecular   espectroscopia de fluorescência  | 25      | 17          | 0.680               | 60        | 25          | 0.417               | 2229     | 738         | 0.331               |
| 21         | 7887    | 12034  | 269500 | <a href="#">Icaro Vitorello</a>                                     | <br>Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                                     | <a href="#">Pesquisador Geofísica Espacial, Instituto Nacional de Pesquisas Espaciais - INPE</a><br>Geofísica   Geomagnetismo   Tectônica   Magnetotélica   Geologia                         | 25      | 16          | 0.640               | 46        | 21          | 0.457               | 2229     | 592         | 0.266               |
| 7          | 7888    | 12035  | 269502 | <a href="#">José Baltazar Salgueirinho Osório De Andrade Guerra</a> | <br>Brazil   | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>                                  | <a href="#">permanenteEAdministraÃ&amp;#oacute;foe&amp;#oacute;!</a><br>Desenvolvimento Sustentável   Mudança Climática   Cidades Sustentáveis   Green Campus e Educação Ambiental           | 25      | 25          | 1.000               | 43        | 42          | 0.977               | 2229     | 2081        | 0.934               |
| 110        | 7889    | 12036  | 269509 | <a href="#">OG Desouza</a>  | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>  | <a href="#">Brazil</a><br>termite ecology   termite behaviour   inquilinism   symbiosis   termitophily   | 25      | 17          | 0.680               | 56        | 30          | 0.536               | 2228     | 890         | 0.399               |
| 166        | 7890    | 12037  | 269522 | <a href="#">Renata Nassu</a>  | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                   | <a href="#">Pesquisadora A. Embrapa Pecuária Sudeste</a><br>Qualidade da carne   análise sensorial   | 25      | 17          | 0.680               | 44        | 25          | 0.568               | 2227     | 994         | 0.446               |
| 16         | 7891    | 12038  | 269524 | <a href="#">Leonardo Oliveira Medici</a>                            | <br>Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>                            | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Vegetal   | 25      | 17          | 0.680               | 41        | 29          | 0.707               | 2227     | 1118        | 0.502               |
| 1          | 7892    | 12039  | 269536 | <a href="#">Cleuber Antônio De Sá Silva</a>                         | <br>Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Sudeste de Minas Gerais</a> | <a href="#">EmbalagenseToxicologiAlimentosEduca&amp;#oacute;foe&amp;#oacute;!</a><br>Embalagem de Alimentos   Conservação de Alimentos   Toxicologia de Alimentos e Microscopia de Alimentos | 25      | 17          | 0.680               | 56        | 28          | 0.500               | 2225     | 991         | 0.445               |
| 71         | 7893    | 12045  | 269643 | <a href="#">Carolina Lisboa</a>                                     | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>                   | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica   | 25      | 17          | 0.680               | 43        | 30          | 0.698               | 2215     | 942         | 0.425               |
| 55         | 7894    | 12046  | 269652 | <a href="#">Luiz Affonso Guedes</a>                                 | <br>Brazil  | <a href="#">Universidade Federal do Rio Grande do Norte</a>                                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Automação Industrial   Dependabilidade de Sistemas   Redes de sensores  | 25      | 16          | 0.640               | 47        | 26          | 0.553               | 2214     | 1049        | 0.474               |
| 167        | 7895    | 12047  | 269655 | <a href="#">Norman Neumaier</a>                                     | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecofisiologia   | 25      | 19          | 0.760               | 44        | 34          | 0.773               | 2214     | 1135        | 0.513               |
| 168        | 7896    | 12049  | 269757 | <a href="#">Adilson Kenji Kobayashi</a>                             | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                   | <a href="#">Embrapa Agoenergia</a><br>biotecnologia vegetal  | 25      | 18          | 0.720               | 35        | 26          | 0.743               | 2206     | 1125        | 0.510               |










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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 74  | 7897    | 12050  | 269783 | <a href="#">Cecilia Maria Alves De Oliveira</a>    |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemistry   | 25      | 15          | 0.600               | 56        | 29          | 0.518               | 2202     | 795         | 0.361               |
| 10  | 7898    | 12051  | 269787 | <a href="#">Cíntia Lacerda Ramos</a>               |  Brazil   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia   fermentação   biotecnologia   | 25      | 23          | 0.920               | 36        | 35          | 0.972               | 2202     | 1602        | 0.728               |
| 2019  | 7899    | 12053  | 269791 | <a href="#">Maria Inês Nogueira</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>neurociencias   educação   comunicação científica  | 25      | 17          | 0.680               | 55        | 27          | 0.491               | 2201     | 869         | 0.395               |
| 85  | 7900    | 12054  | 269799 | <a href="#">Dionisio Borsato</a>                   |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a>  | 25      | 18          | 0.720               | 70        | 42          | 0.600               | 2200     | 1225        | 0.557               |
| 22  | 7901    | 12055  | 269805 | <a href="#">Lucia Valeria Ramos De Arruda</a>      |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>               | <a href="#">Tecnologica</a><br>Automação e controle de processors   otimização  | 25      | 15          | 0.600               | 53        | 28          | 0.528               | 2200     | 858         | 0.390               |
| 45  | 7902    | 12058  | 269834 | <a href="#">Luciano Da Silva Pinto</a>             |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                          | <a href="#">Biotecnologia</a> <a href="#">UniversidPelotasâ€</a><br>Biotecnologia   Bioquímica   Bioinformática   | 25      | 18          | 0.720               | 43        | 34          | 0.791               | 2198     | 986         | 0.449               |
| 119   | 7903    | 12059  | 269838 | <a href="#">Rosemary Hoffmann Ribani</a>           |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                 | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos   Análise de alimentos   Processos de Transformação na Indústria Alimentos   Alimentos Funcionais | 25      | 22          | 0.880               | 41        | 35          | 0.854               | 2198     | 1755        | 0.798               |
| 153   | 7904    | 12060  | 269841 | <a href="#">Jose A Coaquira</a>                    |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                                   | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada  | 25      | 20          | 0.800               | 66        | 43          | 0.652               | 2197     | 1270        | 0.578               |
| 80  | 7905    | 12062  | 269874 | <a href="#">Lourdinha Florencio</a>                |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                             | <a href="#">Engenharia SanitáriaE Ambiental UFPE</a><br>Engenharia Sanitária e Ambiental  | 25      | 17          | 0.680               | 39        | 26          | 0.667               | 2195     | 865         | 0.394               |
| 84  | 7906    | 12066  | 269923 | <a href="#">Daniel Gustavo Allasia Piccilli</a>    |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                       | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Hidrologia   Modelagem Hidrológica   Modelagem Ambiental   Hidráulica  | 25      | 23          | 0.920               | 47        | 38          | 0.809               | 2189     | 1446        | 0.661               |
| 94  | 7907    | 12072  | 269995 | <a href="#">Rogeria Comastri De Castro Almeida</a> |  Brazil | <a href="#">Universidade Federal da Bahia</a>                                  | Microbiologia de Alimentos  | 25      | 18          | 0.720               | 40        | 28          | 0.700               | 2182     | 1115        | 0.511               |
| 17  | 7908    | 12073  | 270001 | <a href="#">NF Svaiter</a>                         |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>                | <a href="#">Professor Titular - Centro Brasileiro de Pesquisas Físicas</a><br>Teoria Quântica de Campos   Física Matemática   Teoria dos Números  | 25      | 11          | 0.440               | 67        | 16          | 0.239               | 2181     | 515         | 0.236               |
| 28  | 7909    | 12074  | 270012 | <a href="#">Jaime Paiva Lopes Aguiar</a>           |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>                    | <a href="#">Pesquisador do Instituto Nacional de Pesquisas da Amazônia</a>  | 25      | 13          | 0.520               | 55        | 24          | 0.436               | 2180     | 755         | 0.346               |
| 154   | 7910    | 12075  | 270014 | <a href="#">Wildo Navegantes De Araújo</a>         |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                   | <a href="#">UniversidBrasília</a><br>Saúde Pública   Epidemiologia  | 25      | 18          | 0.720               | 42        | 30          | 0.714               | 2180     | 1246        | 0.572               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7          | 7911    | 12078  | 270040 | <a href="#">Juliana Bonini</a>                          | <br>Brazil   | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>  | <a href="#">alzheimer disease memory science education</a><br>alzheimer disease   memory   science education   | 25      | 14          | 0.560               | 31        | 19          | 0.613               | 2178     | 611         | 0.281               |
| 8          | 7912    | 12079  | 270051 | <a href="#">Vilson Klein</a>                            | <br>Brazil   | <a href="#">Universidade de Passo Fundo</a>                      |  | 25      | 16          | 0.640               | 42        | 22          | 0.524               | 2177     | 779         | 0.358               |
| 2020       | 7913    | 12080  | 270060 | <a href="#">Samir Rasslan</a>                           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">SêniorFMP</a><br>cirurgia geral  | 25      | 13          | 0.520               | 41        | 20          | 0.488               | 2176     | 685         | 0.315               |
| 2021       | 7914    | 12081  | 270071 | <a href="#">Cesar Alexandre De Souza</a>                | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | Information Technology   Enterprise Systems   Digital Business Models  | 25      | 15          | 0.600               | 45        | 23          | 0.511               | 2175     | 732         | 0.337               |
| 123        | 7915    | 12083  | 270092 | <a href="#">Rn Costa Filho</a>                          | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>                    | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   Quantum Mechanics   | 25      | 15          | 0.600               | 57        | 29          | 0.509               | 2173     | 790         | 0.364               |
| 336        | 7916    | 12086  | 270124 | <a href="#">Elizabeth Nascimento</a>                    | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Social Sciences / Psychology</a><br>Inteligência   Avaliação Psicológica   WAIS-III   Psicometria  | 25      | 15          | 0.600               | 45        | 22          | 0.489               | 2171     | 771         | 0.355               |
| 111        | 7917    | 12087  | 270131 | <a href="#">Francisco Cláudio Lopes De Freitas</a>      | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>               | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Ciências agrárias  | 25      | 15          | 0.600               | 60        | 30          | 0.500               | 2170     | 905         | 0.417               |
| 23         | 7918    | 12091  | 270198 | <a href="#">Giselle Maria Maciel</a>                    | <br>Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Enzimas   Bioprocessos   Biodegradação e Biossorção de Poluentes Ambientais   Antimicrobianos.                   | 25      | 21          | 0.840               | 43        | 35          | 0.814               | 2166     | 1622        | 0.749               |
| 155        | 7919    | 12094  | 270305 | <a href="#">Mariana S Castro</a>                        | <br>Brazil   | <a href="#">Universidade de Brasília UNB</a>                     | <a href="#">Brasilia</a><br>Anurans   Skin secretion   Biologically active peptides   Analogues   Proteomics   | 25      | 16          | 0.640               | 44        | 33          | 0.750               | 2158     | 1000        | 0.463               |
| 120        | 7920    | 12096  | 270309 | <a href="#">Lucia Massutti De Almeida</a>               | <br>Brazil   | <a href="#">Universidade Federal do Paraná</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Coleoptera   Coccinellidae   Taxonomia   Entomologia Forense  | 25      | 15          | 0.600               | 61        | 27          | 0.443               | 2157     | 833         | 0.386               |
| 169        | 7921    | 12097  | 270311 | <a href="#">Marcelo Porto Bemquerer</a>                 | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>      | <a href="#">Embrapa Gado de Leite</a><br>Peptide Chemistry   Mass Spectrometry   Peptide Synthesis   Antimicrobial Peptides  | 25      | 18          | 0.720               | 45        | 33          | 0.733               | 2157     | 936         | 0.434               |
| 337        | 7922    | 12100  | 270341 | <a href="#">Geraldo De Lima</a>                         | <br>Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Compostos de coordenação e organometálicos   atividade biocida   nanomateriais   absorção de dióxido de carbono. | 25      | 16          | 0.640               | 62        | 28          | 0.452               | 2153     | 723         | 0.336               |
| 7          | 7923    | 12102  | 270363 | <a href="#">Renata Cf Bonomo</a>                        | <br>Brazil | <a href="#">Universidade Estadual do Sudoeste da Bahia</a>       | <a href="#">Professora da Universidade Estadual do Sudoeste da Bahia</a><br>Engenharia e Ciência de Alimentos   Termodinâmica  | 25      | 20          | 0.800               | 57        | 46          | 0.807               | 2151     | 1421        | 0.661               |
| 8          | 7924    | 12103  | 270371 | <a href="#">Bruno Bueno Silva</a>                       | <br>Brazil | <a href="#">Universidade Guarulhos UNG</a>                       | <a href="#">UNG</a>  | 25      | 23          | 0.920               | 36        | 34          | 0.944               | 2151     | 1607        | 0.747               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 5   | 7925    | 12104  | 270377 | <a href="#">Henry França Meier</a>             |  Brazil   | <a href="#">Universidade Regional de Blumenau FURB</a>                 | <a href="#">University of Blumenau</a>  | 25      | 18          | 0.720               | 51        | 41          | 0.804               | 2150     | 1191        | 0.554               |
| 2022  | 7926    | 12105  | 270385 | <a href="#">Suzana Pasternak</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | Urbanização   Habitação Social  | 25      | 13          | 0.520               | 64        | 16          | 0.250               | 2149     | 618         | 0.288               |
| 8   | 7927    | 12106  | 270386 | <a href="#">Antonio Carvalho Neto</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Minas Gerais</a>       | <a href="#">Business &amp; Management / Human Resource Management</a><br>recursos humanos   relações de trabalho                                      | 25      | 15          | 0.600               | 58        | 28          | 0.483               | 2149     | 909         | 0.423               |
| 121   | 7928    | 12107  | 270391 | <a href="#">Alexandre F Santos</a>             |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Petróleo   polímeros   monitoramento  | 25      | 16          | 0.640               | 44        | 28          | 0.636               | 2149     | 1046        | 0.487               |
| 156   | 7929    | 12109  | 270431 | <a href="#">Ingrid Weber</a>                   |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de materiais   Química forense  | 25      | 18          | 0.720               | 47        | 33          | 0.702               | 2145     | 936         | 0.436               |
| 2023  | 7930    | 12110  | 270437 | <a href="#">Marcelo José Pena Ferreira</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Phytochemistry   Natural products from microorganisms  | 25      | 17          | 0.680               | 57        | 35          | 0.614               | 2144     | 941         | 0.439               |
| 174   | 7931    | 12111  | 270439 | <a href="#">Gean Salmoria</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymer Processing  | 25      | 20          | 0.800               | 52        | 33          | 0.635               | 2144     | 1213        | 0.566               |
| 507   | 7932    | 12112  | 270451 | <a href="#">Antonio Soares De Castro</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Quantum Mechanics   Relativistic Quantum Mechanics   Mathematical Physics  <br>General Physics  | 25      | 11          | 0.440               | 60        | 12          | 0.200               | 2143     | 405         | 0.189               |
| 122   | 7933    | 12113  | 270473 | <a href="#">André Duarte</a>                   |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Filosofia Política   Filosofia Contemporânea  | 25      | 15          | 0.600               | 43        | 26          | 0.605               | 2142     | 878         | 0.410               |
| 29  | 7934    | 12116  | 270485 | <a href="#">Carlos Alexandre Borges Garcia</a> |  Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica e Recursos Hídricos   | 25      | 17          | 0.680               | 49        | 31          | 0.633               | 2141     | 950         | 0.444               |
| 19  | 7935    | 12117  | 270486 | <a href="#">Denise Hollanda Iunes</a>          |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>              | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>physiotherapy   rehabilitation   education   | 25      | 21          | 0.840               | 48        | 42          | 0.875               | 2141     | 1271        | 0.594               |
| 307   | 7936    | 12119  | 270498 | <a href="#">Tatiana T De Souza Chies</a>       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Biological Science</a><br>biologia evolutiva   | 25      | 14          | 0.560               | 53        | 25          | 0.472               | 2140     | 789         | 0.369               |
| 2024  | 7937    | 12121  | 270527 | <a href="#">Larissa Canilha</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>fermentation technology   microbiology   biochemical engineering   statistical | 25      | 13          | 0.520               | 31        | 18          | 0.581               | 2138     | 845         | 0.395               |
| 508   | 7938    | 12122  | 270528 | <a href="#">Vera Lucia Scatena</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Plant Anatomy   Morphology and Evolution of Monocotyledons                                   | 25      | 12          | 0.480               | 74        | 18          | 0.243               | 2137     | 664         | 0.311               |

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|------------|---------|--------|--------|---|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 509        | 7939    | 12123  | 270529 | <a href="#">Marisa Gabrielli</a>                          | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           |   | 25      | 16          | 0.640               | 60        | 36          | 0.600               | 2137     | 973         | 0.455               |
| 27         | 7940    | 12124  | 270544 | <a href="#">Maria Alexandra Cunha</a>                     | <br>Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora de Administração, Fundação Getúlio Vargas</a><br>Information systems   e-government   Sistemas de Informação   governo digital   IT governance | 25      | 17          | 0.680               | 50        | 30          | 0.600               | 2136     | 1313        | 0.615               |
| 338        | 7941    | 12126  | 270561 | <a href="#">Ricardo Fabrino Mendonça</a>                  | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Social Sciences / Political Science</a><br>Political Theory   Democratic Theory   Deliberative Democracy   Political Communication                        | 25      | 18          | 0.720               | 57        | 35          | 0.614               | 2134     | 1239        | 0.581               |
| 11         | 7942    | 12128  | 270579 | <a href="#">Frederico Barros De Sousa</a>                 | <br>Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 25      | 18          | 0.720               | 38        | 27          | 0.711               | 2133     | 1011        | 0.474               |
| 510        | 7943    | 12129  | 270585 | <a href="#">Patrícia Petromilli Nordi Sasso Garcia</a>    | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Ergonomia   Dentística   | 25      | 19          | 0.760               | 63        | 25          | 0.397               | 2132     | 895         | 0.420               |
| 511        | 7944    | 12130  | 270626 | <a href="#">Maria Tercília Vilela De Azeredo Oliveira</a> | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Celular e Citogenética de Triatomíneos  | 25      | 14          | 0.560               | 72        | 21          | 0.292               | 2129     | 924         | 0.434               |
| 29         | 7945    | 12131  | 270629 | <a href="#">Rodrigo Juliano Oliveira</a>                  | <br>Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                                       | Toxicologia   | 25      | 18          | 0.720               | 57        | 39          | 0.684               | 2129     | 1136        | 0.534               |
| 2025       | 7946    | 12132  | 270646 | <a href="#">Mitika Hagiwara</a>                           | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Clínica Médica Cães e Gatos - Doenças Infecciosas</a><br>Clínica Médica de Cães e Gatos - Doenças Infecciosas   | 25      | 13          | 0.520               | 59        | 20          | 0.339               | 2128     | 724         | 0.340               |
| 2          | 7947    | 12133  | 270654 | <a href="#">Marc F Richter</a>                            | <br>Brazil | <a href="#">Universidade Estadual do Rio Grande do Sul UERGS</a>                                 | Sustainability   sustentabilidade   | 25      | 13          | 0.520               | 32        | 18          | 0.563               | 2128     | 547         | 0.257               |
| 30         | 7948    | 12134  | 270656 | <a href="#">Ricardo Antônio Amaral De Lemos</a>           | <br>Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                                       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Patologia Animal   | 25      | 15          | 0.600               | 56        | 28          | 0.500               | 2127     | 763         | 0.359               |
| 106        | 7949    | 12135  | 270668 | <a href="#">Sandra Terezinha Marques Gomes</a>            | <br>Brazil | <a href="#">Universidade Estadual de Maringá</a>   | <a href="#">Universidade Estadual de Maringá</a>  | 25      | 19          | 0.760               | 51        | 33          | 0.647               | 2126     | 1157        | 0.544               |
| 5          | 7950    | 12137  | 270702 | <a href="#">Larissa Rolim</a>                             | <br>Brazil | <a href="#">Universidade Federal do Vale do São Francisco UNIVASF</a>                            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Controle de qualidade   medicamentos   química analítica   cromatografia      | 25      | 22          | 0.880               | 66        | 59          | 0.894               | 2123     | 1710        | 0.805               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 81  | 7951    | 12139  | 270723 | <a href="#">Arkady Shanenko</a>                           |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Natural Sciences / Physics</a><br>many-body physics   condensed matter   superconductivity   vortex matter  | 25      | 18          | 0.720               | 56        | 30          | 0.536               | 2121     | 753         | 0.355               |
| 192   | 7952    | 12140  | 270739 | <a href="#">Janine Schirmer Rn Ms</a>                     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">PaulistEnfermagem.</a><br>Saúde da Mulher. Enfermagem obstétrica. Bioética. Doação e Transplante de Órgãos.   | 25      | 16          | 0.640               | 57        | 29          | 0.509               | 2120     | 1043        | 0.492               |
| 13  | 7953    | 12141  | 270741 | <a href="#">Domingos Rodrigues</a>                        |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   | 25      | 19          | 0.760               | 51        | 40          | 0.784               | 2120     | 1217        | 0.574               |
| 123   | 7954    | 12142  | 270786 | <a href="#">Maria Cristina Leme Godoy Dos Santos</a>      |  Brazil   | <a href="#">Universidade Federal do Paraná</a>   | polimorfismo e epigenetica  | 25      | 16          | 0.640               | 53        | 31          | 0.585               | 2116     | 832         | 0.393               |
| 124   | 7955    | 12144  | 270809 | <a href="#">Tárcio Braga</a>                              |  Brazil   | <a href="#">Universidade Federal do Paraná</a>   | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 25      | 21          | 0.840               | 36        | 33          | 0.917               | 2115     | 1648        | 0.779               |
| 86  | 7956    | 12145  | 270811 | <a href="#">Tereza Cristina Rocha Moreira De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>  | <a href="#">Medical and Health Sciences / Microbiology</a><br>microbiologia de alimentos   detecção de bactérias patogênicas   biologia molecular   | 25      | 18          | 0.720               | 54        | 34          | 0.630               | 2114     | 932         | 0.441               |
| 124   | 7957    | 12146  | 270836 | <a href="#">Gilvandete Santiago</a>                       |  Brazil   | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica e Química Medicinac  | 25      | 15          | 0.600               | 52        | 31          | 0.596               | 2112     | 906         | 0.429               |
| 2026  | 7958    | 12147  | 270848 | <a href="#">Robson Luis Amorim</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Traumatismo craneencefálico   Acidente Vascular Encefálico   Neurocirurgia  | 25      | 18          | 0.720               | 53        | 37          | 0.698               | 2111     | 1316        | 0.623               |
| 95  | 7959    | 12149  | 270867 | <a href="#">Marcio Luis Ferreira Nascimento</a>           |  Brazil   | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Science   Solid State Physics   Materials Engineering   Multivariate Analysis   Education | 25      | 19          | 0.760               | 49        | 30          | 0.612               | 2109     | 995         | 0.472               |
| 28  | 7960    | 12150  | 270869 | <a href="#">Ricardo Corrêa Gomes</a>                      |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">FGV/EAESP</a><br>Administração' Planejamento Estratégico de Organizações Públicas   Teoria de Stakeholders  | 25      | 21          | 0.840               | 46        | 36          | 0.783               | 2109     | 1280        | 0.607               |
| 2027  | 7961    | 12151  | 270884 | <a href="#">Mestriner Ma</a>                              |  Brazil | <a href="#">Universidade de São Paulo USP</a>  |   | 25      | 8           | 0.320               | 42        | 6           | 0.143               | 2108     | 200         | 0.095               |
| 20  | 7962    | 12152  | 270899 | <a href="#">Marina Vasconcellos</a>                       |  Brazil | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>                                   | <a href="#">Pesquisador_IPEN-CNEN/SP</a><br>Radioquímica   Análise por Ativação com Nêutrons  | 25      | 11          | 0.440               | 66        | 11          | 0.167               | 2106     | 439         | 0.208               |
| 82  | 7963    | 12154  | 270921 | <a href="#">Vinicius Cardoso Garcia</a>                   |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Cloud Computing   Software Architecture   Software Language Engineering   Software Product Lines      | 25      | 15          | 0.600               | 50        | 21          | 0.420               | 2104     | 844         | 0.401               |












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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 512        | 7964    | 12156  | 270924 | <a href="#">Juliano Milanezi De Almeida</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Periodontia   Laser   Doença Periodontal   Implantodontia                                       | 25      | 20          | 0.800               | 48        | 39          | 0.813               | 2104     | 1028        | 0.489               |
| 65         | 7965    | 12158  | 270940 | <a href="#">Mario Lucio Vilela De Resende</a>           |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant pathology   resistance in plants   | 25      | 17          | 0.680               | 55        | 30          | 0.545               | 2103     | 891         | 0.424               |
| 2028       | 7966    | 12159  | 271007 | <a href="#">Aline Villa Nova Bacurau</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Education / Education</a>  | 25      | 18          | 0.720               | 34        | 27          | 0.794               | 2099     | 1131        | 0.539               |
| 2029       | 7967    | 12161  | 271077 | <a href="#">Excelso Ruberti</a>                         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Mineralogia   Petrologia   Geoquímica de Rochas Alcalinas   Carbonatitos e Kimberlitos           | 25      | 18          | 0.720               | 53        | 32          | 0.604               | 2093     | 852         | 0.407               |
| 13         | 7968    | 12163  | 271117 | <a href="#">Rita Luz</a>                                |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Sensores e Biossensores   Eletroquímica e Eletroanalítica  | 25      | 15          | 0.600               | 61        | 31          | 0.508               | 2090     | 825         | 0.395               |
| 2030       | 7969    | 12164  | 271128 | <a href="#">Francisco Ferreira Cardoso</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Tecnologia e Produção / Construção</a><br>Construção Sustentável   Gestão da Produção   Suprimentos   Qualidade   Cadeia Produtiva                           | 25      | 13          | 0.520               | 52        | 18          | 0.346               | 2089     | 771         | 0.369               |
| 72         | 7970    | 12166  | 271153 | <a href="#">Betina Blochtein</a>                        |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia  | 25      | 18          | 0.720               | 52        | 35          | 0.673               | 2087     | 1311        | 0.628               |
| 70         | 7971    | 12168  | 271182 | <a href="#">Miriam Gomes Saraiva</a>                    |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Social Sciences / International Relations</a><br>Foreign Policy   Regionalism   International Politics   | 25      | 18          | 0.720               | 44        | 26          | 0.591               | 2085     | 878         | 0.421               |
| 157        | 7972    | 12169  | 271189 | <a href="#">Mylene Farias</a>                           |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>image processing   video processing   video quality   watermark                | 25      | 15          | 0.600               | 55        | 32          | 0.582               | 2084     | 923         | 0.443               |
| 175        | 7973    | 12170  | 271227 | <a href="#">Jucinei Comin</a>                           |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | Manejo e conservação do solo   Sistema e Plantio Direto de Hortaliças Agroecologia   | 25      | 23          | 0.920               | 55        | 42          | 0.764               | 2080     | 1435        | 0.690               |
| 554        | 7974    | 12172  | 271241 | <a href="#">Eliana Regina Forni Martins</a>             |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Citotaxonomia vegetal   Citogenética   Biologia da reprodução de plantas   Ensino de Botânica   Biossistemática | 25      | 15          | 0.600               | 62        | 27          | 0.435               | 2079     | 845         | 0.406               |
| 555        | 7975    | 12173  | 271244 | <a href="#">Maria Teresa Pedrosa Silva Clerici</a>      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Science and Technology   Cereal Science   Food Chemistry                             | 25      | 22          | 0.880               | 49        | 45          | 0.918               | 2079     | 1660        | 0.798               |
| 513        | 7976    | 12174  | 271265 | <a href="#">Dejanira De Franceschi De Angelis</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Fermentação Etanólica   Biotecnologia  | 25      | 14          | 0.560               | 48        | 23          | 0.479               | 2077     | 762         | 0.367               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 125   | 7977    | 12175  | 271278 | <a href="#">Andréa Emilia Marques Stinghen</a>  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>  | <a href="#">chronic kidney disease uremic toxicity endothelial dysfunction Fabry Disease</a><br>chronic kidney disease   uremic toxicity   endothelial dysfunction   Fabry Disease | 25      | 19          | 0.760               | 42        | 31          | 0.738               | 2076     | 962         | 0.463               |
| 140   | 7978    | 12176  | 271287 | <a href="#">Ana Candida Martins Rodrigues</a>   |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                                      | <a href="#">SÃO Carlos</a><br>Glass   glass-ceramics   electrical properties   | 25      | 19          | 0.760               | 50        | 37          | 0.740               | 2075     | 1069        | 0.515               |
| 22  | 7979    | 12177  | 271301 | <a href="#">Fabiano Carvalho</a>                |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a>        | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Bioquímica   Farmacologia e Fisiologia   | 25      | 23          | 0.920               | 52        | 45          | 0.865               | 2074     | 1586        | 0.765               |
| 75  | 7980    | 12180  | 271331 | <a href="#">Lígia MF Borges</a>                 |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                                       |  | 25      | 17          | 0.680               | 52        | 30          | 0.577               | 2072     | 897         | 0.433               |
| 2031  | 7981    | 12181  | 271337 | <a href="#">Betti Hartmann</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Natural Sciences / Physics</a><br>Classical Field Theory   Numerical solutions of non-linear differential equations   Solitons   black holes                           | 25      | 14          | 0.560               | 70        | 24          | 0.343               | 2071     | 653         | 0.315               |
| 339   | 7982    | 12182  | 271341 | <a href="#">Tulio Matencio</a>                  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletrquímica   Pilha a Combustível de Óxido Sólido   Energia Renovável   | 25      | 17          | 0.680               | 54        | 31          | 0.574               | 2071     | 863         | 0.417               |
| 2032  | 7983    | 12184  | 271381 | <a href="#">Vera Lucia Jornada Krebs</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">medicidUniversidSÃO paulo</a><br>medicina  | 25      | 17          | 0.680               | 59        | 33          | 0.559               | 2068     | 973         | 0.471               |
| 17  | 7984    | 12185  | 271428 | <a href="#">Guilhermino Jose Macedo Fachine</a> |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                                    | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymer and Two-dimensional Materials  | 25      | 19          | 0.760               | 44        | 35          | 0.795               | 2065     | 1199        | 0.581               |
| 1   | 7985    | 12187  | 271481 | <a href="#">Sérgio Donato</a>                   |  Brazil | <a href="#">Instituto Federal de Educação Ciência e Tecnologia Baiano Catu IFBAIANO</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fruticultura   bananicultura   palma forrageira  | 25      | 19          | 0.760               | 67        | 57          | 0.851               | 2060     | 1338        | 0.650               |
| 514   | 7986    | 12188  | 271487 | <a href="#">Oswaldo Magro Filho</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>saúde   cirurgia bucal   oral maxilofacial surgery   implantes   cirurgia ortognática                                   | 25      | 16          | 0.640               | 50        | 29          | 0.580               | 2060     | 804         | 0.390               |
| 193   | 7987    | 12190  | 271524 | <a href="#">Daisy Maria Machado</a>             |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                               | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>pediatria   infectologia  | 25      | 18          | 0.720               | 56        | 30          | 0.536               | 2057     | 978         | 0.475               |
| 2033  | 7988    | 12191  | 271528 | <a href="#">Josemar Rodrigues</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>estatística   | 25      | 13          | 0.520               | 48        | 19          | 0.396               | 2057     | 631         | 0.307               |
| 56  | 7989    | 12192  | 271554 | <a href="#">Sebastião Andrade</a>               |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>              | Steel and composite structures   Computational methods   | 25      | 17          | 0.680               | 50        | 26          | 0.520               | 2055     | 783         | 0.381               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2034  | 7990    | 12193  | 271558 | <a href="#">Sebastião Luiz Aguiar Greghi</a>      | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Implantodontia   | 25      | 18          | 0.720               | 46        | 32          | 0.696               | 2055     | 1066        | 0.519               |
| 170   | 7991    | 12194  | 271586 | <a href="#">Kirley Marques Canuto</a>             | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais  | 25      | 21          | 0.840               | 52        | 45          | 0.865               | 2053     | 1445        | 0.704               |
| 52  | 7992    | 12195  | 271595 | <a href="#">Waldeci Paraguassu</a>                | <br>Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>              | <a href="#">Natural Sciences / Physics</a><br>Física da matéria condensada  | 25      | 18          | 0.720               | 52        | 33          | 0.635               | 2052     | 988         | 0.481               |
| 83  | 7993    | 12196  | 271604 | <a href="#">Coutinho Filho</a>                    | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>             | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter and Statistical Mechanics  | 25      | 11          | 0.440               | 65        | 15          | 0.231               | 2050     | 409         | 0.200               |
| 11  | 7994    | 12197  | 271611 | <a href="#">Maria Nivalda De Carvalho Freitas</a> | <br>Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>  | <a href="#">Social Sciences / Psychology</a><br>pessoas com deficiência   diversidade funcional   inclusão   acessibilidade   psicologia organizacional e do trabalho | 25      | 17          | 0.680               | 47        | 32          | 0.681               | 2050     | 912         | 0.445               |
| 20  | 7995    | 12199  | 271641 | <a href="#">Mario Monteiro Rolim</a>              | <br>Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a> | <a href="#">Agriculture &amp; Forestry / Agricultural and Biosystems Engineering</a><br>Compaction of Soils   Waste Utilization                                       | 25      | 18          | 0.720               | 64        | 43          | 0.672               | 2047     | 1230        | 0.601               |
| 2035  | 7996    | 12201  | 271670 | <a href="#">Suzana Alves De Moraes</a>            | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a>  | 25      | 14          | 0.560               | 50        | 21          | 0.420               | 2045     | 589         | 0.288               |
| 171   | 7997    | 12203  | 271719 | <a href="#">Arthur Mariante</a>                   | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>    | <a href="#">Pesquisador da Embrapa Recursos Genéticos e Biotecnologia e Professor da Universidade ...</a><br>Conservação de Recursos Genéticos                        | 25      | 13          | 0.520               | 46        | 16          | 0.348               | 2041     | 537         | 0.263               |
| 194   | 7998    | 12204  | 271720 | <a href="#">Luciene Covolan</a>                   | <br>Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>      | <a href="#">Neurofisiologia</a><br>Neurogênese   epilepsia   comportamento   memória  | 25      | 16          | 0.640               | 45        | 32          | 0.711               | 2041     | 847         | 0.415               |
| 6   | 7999    | 12205  | 271721 | <a href="#">Adriano Jakelaitis</a>                | <br>Brazil | <a href="#">Instituto Federal Goiano</a>                       | <a href="#">EBTTGoiano</a><br>Fitotecnica   | 25      | 14          | 0.560               | 45        | 26          | 0.578               | 2041     | 749         | 0.367               |
| 126   | 8000    | 12206  | 271736 | <a href="#">Scheer Agnes De Paula</a>             | <br>Brazil | <a href="#">Universidade Federal do Paraná</a>                 | <a href="#">aengquimica</a><br>Processos de separacao   membranas   emulsoes   alimentos   petróleo   | 25      | 21          | 0.840               | 54        | 40          | 0.741               | 2040     | 1343        | 0.658               |

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|------------|---------|--------|--------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2036       | 8001    | 12207  | 271741 | <a href="#">Adriana Campos Passanezi Sant Ana</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Implantodontia   Medicina periodontal   | 25      | 22          | 0.880               | 44        | 37          | 0.841               | 2040     | 1175        | 0.576               |
| 195        | 8002    | 12209  | 271772 | <a href="#">Maria Angélica Sorgini Peterlini</a>        |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">EnfermagemPediátricaPaulista&amp;#226</a> !<br>Segurança do Paciente   Cuidado Intensivo Pediátrico   Cirurgia Pediátrica                          | 25      | 17          | 0.680               | 49        | 29          | 0.592               | 2037     | 977         | 0.480               |
| 2037       | 8003    | 12210  | 271799 | <a href="#">Carlos Arterio Sorgi</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Doutor/FFCLRQuímicoP</a><br>Metabolismo celular de lipídios   Enzimologia   Biotecnologia   Imunoquímica   Espectrometria de Massas                | 25      | 18          | 0.720               | 47        | 38          | 0.809               | 2035     | 1025        | 0.504               |
| 515        | 8004    | 12211  | 271806 | <a href="#">Robson Ávila</a>                            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Herpetologia   | 25      | 18          | 0.720               | 69        | 48          | 0.696               | 2034     | 1282        | 0.630               |
| 2038       | 8005    | 12213  | 271853 | <a href="#">José Laércio Favarin</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Agriculture &amp; Forestry / Crop Sciences</a><br>Crop Science   | 25      | 18          | 0.720               | 55        | 33          | 0.600               | 2030     | 1027        | 0.506               |
| 2039       | 8006    | 12214  | 271854 | <a href="#">Antonio Adilton Carneiro</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | Medical Instrumentation   Ultrasound   elastography   photoacoustography   Vibroacoustography  | 25      | 17          | 0.680               | 55        | 27          | 0.491               | 2030     | 1008        | 0.497               |
| 556        | 8007    | 12216  | 271915 | <a href="#">Ibsen Bellini Coimbra</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">MédicasUNICAMP</a><br>Osteoartrite   Biologia Molecular de Cartilagem   Medicina Regenerativa em Cartilagem  | 25      | 18          | 0.720               | 35        | 26          | 0.743               | 2026     | 805         | 0.397               |
| 87         | 8008    | 12217  | 271925 | <a href="#">Mathias Roberto Loch</a>                    |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">SaúColetiv&amp;#226</a> !<br>Saúde Coletiva   Educação Física   Formação em Saúde   Epidemiologia Social   Promoção da Saúde.                      | 25      | 20          | 0.800               | 47        | 36          | 0.766               | 2024     | 1163        | 0.575               |
| 127        | 8009    | 12218  | 271938 | <a href="#">Francinete Ramos Campos</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                             | <a href="#">EspectrometriMassaseProdutosNaturaisPlantase&amp;#226</a> !<br>Espectrometria de Massas de imagem   Controle de Qualidade de Fármacos              | 25      | 18          | 0.720               | 46        | 36          | 0.783               | 2023     | 1016        | 0.502               |
| 2040       | 8010    | 12219  | 271979 | <a href="#">Frank Michael Forger</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Mathematics</a><br>Física Matemática   Biomatemática  | 25      | 11          | 0.440               | 39        | 11          | 0.282               | 2020     | 385         | 0.191               |
| 2041       | 8011    | 12220  | 271981 | <a href="#">Natalia Mayumi Inada</a>                    |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Photodynamic Therapy   Mecanisms of Cell Death   Clinical Trials   Photodynamic Inactivation   Microbial Control | 25      | 21          | 0.840               | 58        | 50          | 0.862               | 2019     | 1474        | 0.730               |
| 57         | 8012    | 12221  | 271986 | <a href="#">Gustavo Gonzaga</a>                         |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Economics &amp; Econometrics / Economics</a><br>Labor Economics  | 25      | 13          | 0.520               | 46        | 16          | 0.348               | 2019     | 585         | 0.290               |
| 97         | 8013    | 12222  | 272006 | <a href="#">Vanessa Braganholo</a>                      |  Brazil | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   | 25      | 13          | 0.520               | 50        | 16          | 0.320               | 2017     | 706         | 0.350               |
| 4          | 8014    | 12223  | 272015 | <a href="#">Maria Imaculada De Lima Montebello</a>      |  Brazil | <a href="#">Universidade Metodista de Piracicaba</a>                       | <a href="#">UNIMEP</a><br>todas  | 25      | 15          | 0.600               | 48        | 26          | 0.542               | 2016     | 933         | 0.463               |

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| University | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2          | 8015    | 12224  | 272016 | <a href="#">Daniel Pra</a>   |  Brazil   | <a href="#">Universidade de Santa Cruz do Sul UNISC</a>         | <a href="#">SantCruzdoSulUNISC</a><br>Health Promotion   Genome Stability   Cancer chemoprevention   Nutrigenomics  | 25      | 17          | 0.680               | 44        | 29          | 0.659               | 2016     | 859         | 0.426               |
| 36         | 8016    | 12225  | 272018 | <a href="#">Tiago Rodrigues</a>                                      |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 25      | 17          | 0.680               | 42        | 31          | 0.738               | 2016     | 946         | 0.469               |
| 13         | 8017    | 12227  | 272047 | <a href="#">Rogelio Brandão</a>                                      |  Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>         | <a href="#">UniversidOuro Preto</a><br>Biotecnologia  | 25      | 14          | 0.560               | 38        | 17          | 0.447               | 2014     | 688         | 0.342               |
| 66         | 8018    | 12228  | 272051 | <a href="#">Rafael Farinassi Mendes</a>                              |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>             | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   | 25      | 20          | 0.800               | 72        | 51          | 0.708               | 2013     | 1373        | 0.682               |
| 2042       | 8019    | 12229  | 272052 | <a href="#">Silvia Regina Cavani Jorge Santos</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia  | 25      | 13          | 0.520               | 65        | 21          | 0.323               | 2013     | 581         | 0.289               |
| 158        | 8020    | 12233  | 272123 | <a href="#">Fernando Oliveira</a>                                    |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Natural Sciences / Physics</a><br>Statistical Physics   | 25      | 13          | 0.520               | 49        | 19          | 0.388               | 2008     | 663         | 0.330               |
| 12         | 8021    | 12234  | 272124 | <a href="#">Rosana Souza Rodrigues</a>                               |  Brazil   | <a href="#">Instituto D'Or Pesquisa e Ensino</a>                | <a href="#">Federal University of Rio de Janeiro and D'Or Institute for Research and Education (IDOR)</a><br>Chest Imaging   Molecular Imaging              | 25      | 18          | 0.720               | 48        | 35          | 0.729               | 2008     | 984         | 0.490               |
| 172        | 8022    | 12237  | 272167 | <a href="#">George Wellington Melo</a>                               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Pesquisador Embrapa Uva e Vinho</a><br>Fertilidade do solo   Nutrição de plantas   Contaminação ambiental                                       | 25      | 20          | 0.800               | 53        | 33          | 0.623               | 2004     | 1206        | 0.602               |
| 308        | 8023    | 12238  | 272169 | <a href="#">Angela Helena Marin</a>                                  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>psicologia clínica   psicologia do desenvolvimento   terapia de casal e família   psicologia da saúde       | 25      | 18          | 0.720               | 52        | 41          | 0.788               | 2004     | 1318        | 0.658               |
| 96         | 8024    | 12239  | 272175 | <a href="#">Johelle De Santana Passos Soares JS Passos JS Soares</a> |  Brazil | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>saúde bucal coletiva   epidemiologia   medicina periodontal   osteoporose   baixo peso ao nascer | 25      | 18          | 0.720               | 39        | 28          | 0.718               | 2004     | 1102        | 0.550               |
| 12         | 8025    | 12240  | 272178 | <a href="#">Björn Gücker</a>   |  Brazil | <a href="#">Universidade Federal de São João del Rei UFSJ</a>   | <a href="#">Natural Sciences / Biological Science</a><br>ecosystem ecology   limnology   land use change  | 25      | 22          | 0.880               | 38        | 30          | 0.789               | 2004     | 1220        | 0.609               |
| 309        | 8026    | 12241  | 272191 | <a href="#">Marcello Casaccia Bertoluci</a>                          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">RioGrandeSulBrazil</a><br>Diabetes and Lipid Disorders  | 25      | 18          | 0.720               | 36        | 22          | 0.611               | 2003     | 1271        | 0.635               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 8027    | 12242  | 272206 | <a href="#">Alexandre Schiavetti</a>            |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                  | <a href="#">UESCDCAA</a><br>Protected areas   Ethnoconservation  | 25      | 20          | 0.800               | 62        | 38          | 0.613               | 2001     | 1253        | 0.626               |
| 141   | 8028    | 12244  | 272213 | <a href="#">Diogo Aparecido Lopes Silva</a>     |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                        | <a href="#">SÃoCarlosBrazil</a><br>Life Cycle Management   Life Cycle Assessment   Sustainable Manufacturing   Circular Bioeconomy   Wood products | 25      | 22          | 0.880               | 42        | 37          | 0.881               | 2001     | 1484        | 0.742               |
| 15  | 8029    | 12247  | 272238 | <a href="#">Alexsandro Branco</a>               |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>chemistry of natural compounds   | 25      | 19          | 0.760               | 53        | 36          | 0.679               | 1999     | 1132        | 0.566               |
| 28  | 8030    | 12248  | 272246 | <a href="#">Ricardo Augusto Mendonça Vieira</a> |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>   | <a href="#">CaprinoculturNorte</a><br>Aspectos quantitativos da Nutrição dos Ruminantes  | 25      | 12          | 0.480               | 55        | 13          | 0.236               | 1998     | 479         | 0.240               |
| 31  | 8031    | 12249  | 272291 | <a href="#">Walmir Silva Garcez</a>             |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   | 25      | 15          | 0.600               | 61        | 29          | 0.475               | 1994     | 895         | 0.449               |
| 310   | 8032    | 12253  | 272362 | <a href="#">Henri Stephan Schrekker</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>catalysis   ionic liquids   biomaterials   | 25      | 18          | 0.720               | 53        | 35          | 0.660               | 1988     | 962         | 0.484               |
| 173   | 8033    | 12254  | 272367 | <a href="#">Cristiano Menezes</a>               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>               | <a href="#">Researcher of EMBRAPA Meio Ambiente</a><br>Stingless Bee Biology and Management  | 25      | 21          | 0.840               | 45        | 36          | 0.800               | 1988     | 1375        | 0.692               |
| 98  | 8034    | 12255  | 272374 | <a href="#">Heraldo S Da Costa Mattos</a>       |  Brazil | <a href="#">Universidade Federal Fluminense</a>                           | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mechanical Sciences   | 25      | 15          | 0.600               | 57        | 28          | 0.491               | 1987     | 925         | 0.466               |
| 6   | 8035    | 12256  | 272378 | <a href="#">Vera Lucia Trevisan De Souza</a>    |  Brazil | <a href="#">Pontificia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Social Sciences / Psychology</a><br>desenvolvimento humano   aprendizagem   relações afetivas  | 25      | 19          | 0.760               | 48        | 37          | 0.771               | 1987     | 1125        | 0.566               |
| 85  | 8036    | 12257  | 272389 | <a href="#">Rachel De Oliveira Rocha</a>        |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 25      | 21          | 0.840               | 55        | 45          | 0.818               | 1986     | 1354        | 0.682               |
| 2043  | 8037    | 12259  | 272405 | <a href="#">Lourenço Sbragia</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">MediciRibeirÃoPretoP</a><br>cirurgia fetal   | 25      | 14          | 0.560               | 63        | 23          | 0.365               | 1985     | 732         | 0.369               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 13  | 8038    | 12260  | 272409 | <a href="#">Hélio Santos</a>                                      |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biologia da Reprodução de Peixes teleosteos   Biologia Celular e Histologia de ovários e testículos de peixes teleosteos                  | 25      | 20          | 0.800               | 49        | 38          | 0.776               | 1985     | 1120        | 0.564               |
| 21  | 8039    | 12262  | 272418 | <a href="#">Sonia Licia Baldochi</a>                              |  Brazil   | <a href="#">Instituto de Pesquisas Energeticas e Nucleares</a>              | <a href="#">Senior researcher at IPEN/SP - University of São Paulo</a><br>crystal growth   laser crystals   single fiber crystals   fluoride crystals  | 25      | 10          | 0.400               | 66        | 11          | 0.167               | 1984     | 431         | 0.217               |
| 88  | 8040    | 12264  | 272423 | <a href="#">Mario Lemes Proença Jr</a>                            |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Network Management   Computer Networks   Security   Anomaly detection   Intrusion Detection                                     | 25      | 20          | 0.800               | 48        | 28          | 0.583               | 1984     | 1397        | 0.704               |
| 73  | 8041    | 12265  | 272438 | <a href="#">Avelino Francisco Zorzo</a>                           |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Dependability   Model-based Testing   Security   Digital Forensics   Blockchain   | 25      | 16          | 0.640               | 57        | 24          | 0.421               | 1982     | 979         | 0.494               |
| 311   | 8042    | 12266  | 272477 | <a href="#">Paulo LC Lage</a>                                     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Chemical Engineering   CFD   Multiphase Flow   Applied Mathematics   Applied Thermodynamics                                 | 25      | 13          | 0.520               | 50        | 21          | 0.420               | 1979     | 630         | 0.318               |
| 2044  | 8043    | 12268  | 272495 | <a href="#">Maria Teresa Machini Maria Teresa Machini Miranda</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Química   Química e Estrutura de Macromoléculas   Peptídeos   | 25      | 12          | 0.480               | 46        | 20          | 0.435               | 1978     | 546         | 0.276               |
| 2   | 8044    | 12270  | 272521 | <a href="#">Rúbia Carvalho Gomes Corrêa</a>                       |  Brazil   | <a href="#">Centro Universitário de Maringá CESUMAR</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food science   Food chemistry   Natural Products   Food Waste Recovery  | 25      | 25          | 1.000               | 36        | 35          | 0.972               | 1976     | 1776        | 0.899               |
| 516   | 8045    | 12271  | 272540 | <a href="#">Jose Eduardo Cora</a>                                 |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Ciencias Agrarias</a><br>Ciencias Agrarias   | 25      | 15          | 0.600               | 52        | 29          | 0.558               | 1974     | 663         | 0.336               |
| 18  | 8046    | 12272  | 272551 | <a href="#">João Paulo Sinnecker</a>                              |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>             | <a href="#">Pesquisador Titular II, Centro Brasileiro de Pesquisas Físicas</a><br>nanofabrication   superconductor quantum devices   magnetic materials   nanomagnetism   micromagnetic simulation | 25      | 10          | 0.400               | 52        | 11          | 0.212               | 1973     | 394         | 0.200               |
| 16  | 8047    | 12273  | 272552 | <a href="#">Magna Suzana Alexandre Moreira</a>                    |  Brazil | <a href="#">Universidade Federal de Alagoas</a>                             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Medical and Health Sciences/ Pharmaceutical Sciences   | 25      | 17          | 0.680               | 49        | 34          | 0.694               | 1973     | 896         | 0.454               |
| 24  | 8048    | 12274  | 272574 | <a href="#">Idemir Citadin</a>                                    |  Brazil | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>            | <a href="#">Agriculture &amp; Forestry / Horticulture</a><br>Horticulture   Plant Physiology   Tree dormancy   Perennial Plant Breeding  | 25      | 17          | 0.680               | 57        | 34          | 0.596               | 1970     | 918         | 0.466               |
| 196   | 8049    | 12275  | 272585 | <a href="#">Paula Hino</a>  |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Enfermagem</a><br>enfermagem   saúde coletiva  | 25      | 16          | 0.640               | 54        | 33          | 0.611               | 1969     | 945         | 0.480               |



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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 312        | 8050    | 12276  | 272606 | <a href="#">Jeremias Moraes</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Chromatography   Mass Spectrometry   Charged Aerosol Detection   Food Scien  | 25      | 24          | 0.960               | 27        | 26          | 0.963               | 1968     | 1898        | 0.964               |
| 517        | 8051    | 12277  | 272610 | <a href="#">Leandro Martins</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>porous functional materials   heterogeneous catalysis   alcohol catalysis   methanol   ethanol  | 25      | 20          | 0.800               | 48        | 38          | 0.792               | 1967     | 1083        | 0.551               |
| 311        | 8052    | 12279  | 272625 | <a href="#">Maria De Fatima Bitencourt</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>structural geology   tectonica   igneous petrology   syntectonic magmatism   | 25      | 19          | 0.760               | 49        | 35          | 0.714               | 1966     | 1091        | 0.555               |
| 2045       | 8053    | 12281  | 272660 | <a href="#">Cr Kesavulu</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Spectroscopy of solids   Glass and glass-ceramics   Phosphors   Glass Scintillation   SiC single crystal growth | 25      | 24          | 0.960               | 32        | 32          | 1.000               | 1963     | 1338        | 0.682               |
| 2046       | 8054    | 12282  | 272702 | <a href="#">Fab Coutinho Or FA Bezerracoutinho</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Matematica   Fisica matematica   Fisica geral...  | 25      | 14          | 0.560               | 51        | 21          | 0.412               | 1959     | 555         | 0.283               |
| 518        | 8055    | 12283  | 272720 | <a href="#">Giancarlo Scardia</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleomagnetism   Rock magnetism   Stratigraphy   | 25      | 21          | 0.840               | 42        | 33          | 0.786               | 1958     | 1067        | 0.545               |
| 197        | 8056    | 12284  | 272723 | <a href="#">Leila Blanes</a>                            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | feridas   wounds   injuries   cirurgia   surgery  | 25      | 16          | 0.640               | 40        | 29          | 0.725               | 1958     | 659         | 0.337               |
| 17         | 8057    | 12285  | 272733 | <a href="#">Emiliano De Oliveira Barreto</a>            |  Brazil  | <a href="#">Universidade Federal de Alagoas</a>                        | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Biologia Celular e Molecular   | 25      | 17          | 0.680               | 54        | 34          | 0.630               | 1956     | 1178        | 0.602               |
| 312        | 8058    | 12287  | 272739 | <a href="#">Edinei Koester</a>                          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   | 25      | 17          | 0.680               | 45        | 32          | 0.711               | 1956     | 997         | 0.510               |
| 10         | 8059    | 12289  | 272780 | <a href="#">Carlos Priminho Pirovani</a>                |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular biology   Proteomics   plant pathogen interaction  | 25      | 19          | 0.760               | 63        | 41          | 0.651               | 1952     | 1169        | 0.599               |
| 340        | 8060    | 12291  | 272786 | <a href="#">Janetti Nogueira De Francischi</a>          |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Farmacologia da inflamação e da dor   | 25      | 13          | 0.520               | 49        | 18          | 0.367               | 1952     | 489         | 0.251               |
| 2047       | 8061    | 12292  | 272787 | <a href="#">Inge Elly Kiemle Trindade</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>physiology   speech   breathing   craniofacial anomalies   cleft palate   | 25      | 15          | 0.600               | 48        | 27          | 0.563               | 1952     | 664         | 0.340               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 89         | 8062    | 12293  | 272793 | <a href="#">Admilton Gonçalves De Oliveira Junior</a>   |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | Applied microbiology   Bioprospection   Microbial biotechnology   Biological plant protection   | 25      | 23          | 0.920               | 43        | 40          | 0.930               | 1952     | 1679        | 0.860               |
| 313        | 8063    | 12295  | 272845 | <a href="#">Carlos Farina</a>                           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Universidade Federal do Rio de Janeiro</a>  | 25      | 12          | 0.480               | 71        | 20          | 0.282               | 1948     | 623         | 0.320               |
| 32         | 8064    | 12297  | 272873 | <a href="#">Heberton Wender</a>                         |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Physics</a><br>Physics   Material Science   Chemistry   Nanoscience & Nanotechnology   | 25      | 22          | 0.880               | 33        | 33          | 1.000               | 1946     | 1238        | 0.636               |
| 341        | 8065    | 12298  | 272881 | <a href="#">Hélida Andrade</a>                          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>Biologia molecular   parasitologia   imunologia   biotecnologia   | 25      | 17          | 0.680               | 43        | 30          | 0.698               | 1945     | 862         | 0.443               |
| 342        | 8066    | 12299  | 272882 | <a href="#">André Ricardo Massensini</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Neurociências   Biomateriais   Isquemia cerebral   | 25      | 15          | 0.600               | 43        | 21          | 0.488               | 1945     | 1107        | 0.569               |
| 142        | 8067    | 12301  | 272901 | <a href="#">Renata Gonçalves Mendes</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia Cardiorrespiratória   | 25      | 19          | 0.760               | 54        | 45          | 0.833               | 1943     | 1143        | 0.588               |
| 198        | 8068    | 12302  | 272902 | <a href="#">Edson Aparecido Adriano</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasito de Peixes, Myxozoários, Taxonomia morfológica e molecular e interação parasito-hospedeiro            | 25      | 19          | 0.760               | 52        | 44          | 0.846               | 1943     | 1034        | 0.532               |
| 99         | 8069    | 12305  | 272944 | <a href="#">Abilio Soares Gomes</a>                     |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Ecology  | 25      | 16          | 0.640               | 55        | 33          | 0.600               | 1939     | 956         | 0.493               |
| 199        | 8070    | 12306  | 272948 | <a href="#">Maria Sylvia De Souza Vitalle</a>           |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">DrSetorMedicinAdolescente/UNIFESPPermanente</a><br>Medicina do Adolescente   Saúde do Adolescente   Adolescente   Direitos Sexuais e Reprodutivos   Sexualidade | 25      | 15          | 0.600               | 47        | 21          | 0.447               | 1939     | 670         | 0.346               |
| 313        | 8071    | 12307  | 272952 | <a href="#">Erika Cota</a>                              |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>test of embedded systems   software test   hardware test   design for test  | 25      | 9           | 0.360               | 43        | 9           | 0.209               | 1939     | 323         | 0.167               |
| 2048       | 8072    | 12310  | 272972 | <a href="#">Nereida Kilza Da Costa Lima</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciRibeirÃoPretoP</a>  | 25      | 17          | 0.680               | 46        | 26          | 0.565               | 1937     | 887         | 0.458               |
| 519        | 8073    | 12311  | 272976 | <a href="#">Michel Brienzo</a>                          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">áreBiomassParBioenergiIPBEN</a><br>Bioenergia   caracterização de biomassa   conversão de biomassa  | 25      | 23          | 0.920               | 40        | 38          | 0.950               | 1937     | 1564        | 0.807               |
| 2049       | 8074    | 12312  | 272980 | <a href="#">Luis Schiesari</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   ecotoxicologia   impactos ambientais   agricultura  | 25      | 19          | 0.760               | 38        | 29          | 0.763               | 1937     | 902         | 0.466               |

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| 143   | 8075    | 12313  | 272985 | <a href="#">Patricia Monquero</a>             |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engenharia Agrônoma e Biotecnologia</a><br>matologia   ecotoxicologia   fitotecnia   biologia  | 25      | 14          | 0.560               | 55        | 30          | 0.545               | 1936     | 840         | 0.434               |
| 2050  | 8076    | 12316  | 273021 | <a href="#">Vanessa Freitas</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Biologia Tumoral   Proteases   Morfologia   | 25      | 18          | 0.720               | 36        | 24          | 0.667               | 1934     | 1152        | 0.596               |
| 2051  | 8077    | 12317  | 273024 | <a href="#">Júlio César Borges</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Proteins   Molecular Chaperones   Hsp90   Hsp70   Biophysical tools  | 25      | 16          | 0.640               | 63        | 40          | 0.635               | 1933     | 982         | 0.508               |
| 174   | 8078    | 12318  | 273038 | <a href="#">Rodrigo Barros Rocha</a>          |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e Melhoramento de Plantas  | 25      | 15          | 0.600               | 66        | 29          | 0.439               | 1931     | 859         | 0.445               |
| 557   | 8079    | 12320  | 273053 | <a href="#">Graziano Magalhaes</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Unicamp</a>  | 25      | 18          | 0.720               | 57        | 36          | 0.632               | 1930     | 1081        | 0.560               |
| 5   | 8080    | 12321  | 273059 | <a href="#">João Marcus Oliveira Andrade</a>  |  Brazil   | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a>       |  | 25      | 22          | 0.880               | 39        | 34          | 0.872               | 1930     | 1328        | 0.688               |
| 558   | 8081    | 12323  | 273086 | <a href="#">Shirlei Maria Recco Pimentel</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Citogenética   espermatozóide   | 25      | 13          | 0.520               | 71        | 20          | 0.282               | 1927     | 703         | 0.365               |
| 84  | 8082    | 12324  | 273102 | <a href="#">Marcelo D Amorim</a>              |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering  | 25      | 20          | 0.800               | 41        | 28          | 0.683               | 1926     | 886         | 0.460               |
| 56  | 8083    | 12325  | 273120 | <a href="#">Paulo Rogério De Faria</a>        |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Uberlândia Biomedical</a><br>cancer stem-cell   head and neck tumor   salivary gland tumors   oral cancer   mouse model of oral carcinogenesis           | 25      | 18          | 0.720               | 58        | 38          | 0.655               | 1923     | 1089        | 0.566               |
| 11  | 8084    | 12326  | 273124 | <a href="#">Marcio Costa</a>                  |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant genetics   plant molecular biology   plant genomics   plant stress biology   plant biotechnology | 25      | 19          | 0.760               | 47        | 36          | 0.766               | 1923     | 1040        | 0.541               |
| 520   | 8085    | 12328  | 273127 | <a href="#">Joao Ruggiero Neto</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Biofísica Molecular   Física da Matéria Mole   Físico-química  | 25      | 18          | 0.720               | 44        | 32          | 0.727               | 1923     | 816         | 0.424               |
| 2052  | 8086    | 12329  | 273148 | <a href="#">Ana Cristina Aoun Tannuri</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pediatric Surgery</a><br>cirurgia pediátrica   transplante hepático  | 25      | 14          | 0.560               | 69        | 31          | 0.449               | 1920     | 854         | 0.445               |
| 30  | 8087    | 12330  | 273151 | <a href="#">Ana Paula Do Nascimento Prata</a> |  Brazil | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>Botânica  | 25      | 20          | 0.800               | 45        | 36          | 0.800               | 1920     | 1189        | 0.619               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 14         | 8088    | 12331  | 273174 | <a href="#">Livio Costa Junior</a>                      |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                   | <a href="#">MaranhãoUFMA</a><br>Parasitologia (Parasitology)  | 25      | 21          | 0.840               | 55        | 48          | 0.873               | 1918     | 1392        | 0.726               |
| 314        | 8089    | 12332  | 273184 | <a href="#">Ricardo Augusto De Melo Reis</a>            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>             | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience   neurochemistry   biophysics  | 25      | 16          | 0.640               | 53        | 32          | 0.604               | 1917     | 957         | 0.499               |
| 3          | 8090    | 12333  | 273185 | <a href="#">Leonardo De Azevedo Calderon</a>            |  Brazil   | <a href="#">Universidade Federal de Rondônia</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica & Biofísica   Proteínas   Peptídeos   Biodiversidade   Bioprospecção   | 25      | 20          | 0.800               | 52        | 43          | 0.827               | 1917     | 1181        | 0.616               |
| 2053       | 8091    | 12336  | 273208 | <a href="#">Edna Frasson De Souza Montero</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Cirurgia experimental Isquemia e reperfusÃo Transplante experimental ComunicaÃo científica</a><br>Cirurgia experimental   Isquemia e reperfusão   Transplante experimental   Comunicação científica | 25      | 13          | 0.520               | 67        | 23          | 0.343               | 1915     | 766         | 0.400               |
| 37         | 8092    | 12337  | 273211 | <a href="#">Alexandre Hiroaki Kihara</a>                |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                  | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   Cell biology   Neurodegenerative diseases  | 25      | 17          | 0.680               | 44        | 29          | 0.659               | 1915     | 1027        | 0.536               |
| 1          | 8093    | 12338  | 273214 | <a href="#">Lucia Helena De Freitas Pinho França</a>    |  Brazil   | <a href="#">Universidade Salgado de Oliveira UNIVERSO</a>          | <a href="#">Social Sciences / Psychology</a><br>retirement   ageing   aging   older workers   ageism  | 25      | 20          | 0.800               | 37        | 30          | 0.811               | 1915     | 909         | 0.475               |
| 2054       | 8094    | 12339  | 273223 | <a href="#">Maria Clara Padoveze</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                      | <a href="#">Dr.Enf.SauColetivã!</a><br>Infecções Relacionadas a Assistência a Saúde (IRAS)   Doenças Transmissíveis   | 25      | 17          | 0.680               | 58        | 39          | 0.672               | 1913     | 1086        | 0.568               |
| 200        | 8095    | 12340  | 273227 | <a href="#">Norma De Oliveira Penido</a>                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>          | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Otologia   Otoneurologia   | 25      | 20          | 0.800               | 45        | 34          | 0.756               | 1913     | 1004        | 0.525               |
| 17         | 8096    | 12341  | 273255 | <a href="#">Carlos Mauricio R Sant Anna</a>             |  Brazil | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   | 25      | 19          | 0.760               | 50        | 30          | 0.600               | 1910     | 1072        | 0.561               |
| 314        | 8097    | 12342  | 273267 | <a href="#">Marcelo Bertolini</a>                       |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução animal  | 25      | 14          | 0.560               | 40        | 24          | 0.600               | 1909     | 752         | 0.394               |
| 159        | 8098    | 12343  | 273280 | <a href="#">Julio Lemos De Macedo</a>                   |  Brazil | <a href="#">Universidade de Brasília UNB</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a>  | 25      | 18          | 0.720               | 32        | 21          | 0.656               | 1908     | 718         | 0.376               |
| 315        | 8099    | 12344  | 273281 | <a href="#">Celina Miraglia Herrera De Figueiredo</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Graph theory   Analysis of algorithms and problem complexity   Combinatorial optimization  | 25      | 11          | 0.440               | 62        | 14          | 0.226               | 1907     | 537         | 0.282               |
| 125        | 8100    | 12345  | 273344 | <a href="#">Luiz Gonzaga De França Lopes</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 25      | 16          | 0.640               | 61        | 37          | 0.607               | 1902     | 863         | 0.454               |


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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 187   | 8101    | 12346  | 273346 | <a href="#">Rodrigo Caldas Menezes</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador, Instituto Nacional de Infectologia Evandro Chagas, Fundação Oswaldo Cruz</a><br>Patologia e Parasitologia Veterinárias  | 25      | 17          | 0.680               | 59        | 34          | 0.576               | 1902     | 1133        | 0.596               |
| 2055  | 8102    | 12347  | 273374 | <a href="#">Juliano C Da Silveira</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | miRNAs   animal reproduction   mutagenesis   exosomes  | 25      | 23          | 0.920               | 43        | 42          | 0.977               | 1900     | 1467        | 0.772               |
| 53  | 8103    | 12348  | 273375 | <a href="#">Marcelo Vallinoto</a>                        |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">IECOSUFPA</a><br>Population genetics   Phylogeography   Amazon   | 25      | 16          | 0.640               | 43        | 30          | 0.698               | 1900     | 1006        | 0.529               |
| 521   | 8104    | 12351  | 273429 | <a href="#">Ângela Maria Victoriano De Campos Soares</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Imunologia   Imunologia Celular  | 25      | 10          | 0.400               | 38        | 10          | 0.263               | 1895     | 398         | 0.210               |
| 2056  | 8105    | 12352  | 273464 | <a href="#">Antonio Carlos Bender Burtoloso</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>química orgânica   síntese orgânica  | 25      | 21          | 0.840               | 52        | 36          | 0.692               | 1890     | 1290        | 0.683               |
| 522   | 8106    | 12354  | 273475 | <a href="#">Luiz Gustavo Chuffa</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Tumores reprodutivos   Câncer de Ovário   Imunobiologia dos tumores   Melatonina   Biologia da Reprodução       | 25      | 20          | 0.800               | 51        | 45          | 0.882               | 1889     | 1411        | 0.747               |
| 25  | 8107    | 12355  | 273489 | <a href="#">Fernanda Vitória Leimann</a>                 |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology   biopolymers   edible films   active packaging   encapsulation of bioactive compounds | 25      | 25          | 1.000               | 47        | 45          | 0.957               | 1888     | 1513        | 0.801               |
| 175   | 8108    | 12356  | 273495 | <a href="#">Claudio A. Spadotto</a>                      |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agriculture and Environment  | 25      | 13          | 0.520               | 43        | 22          | 0.512               | 1888     | 618         | 0.327               |
| 343   | 8109    | 12357  | 273500 | <a href="#">Raphael E Szawka</a>                         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Physiology</a><br>Neuroendocrinology   | 25      | 18          | 0.720               | 58        | 40          | 0.690               | 1887     | 1025        | 0.543               |
| 2057  | 8110    | 12359  | 273515 | <a href="#">Renata Guimarães Moreira</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Comparada   Fisiologia da Conservação   Fisiologia Reprodutiva  | 25      | 20          | 0.800               | 67        | 56          | 0.836               | 1886     | 1294        | 0.686               |
| 188   | 8111    | 12360  | 273532 | <a href="#">Eduardo Antônio Gonçalves Ramos</a>          |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Pathology</a><br>Patologia Humana  | 25      | 13          | 0.520               | 47        | 15          | 0.319               | 1885     | 607         | 0.322               |
| 2058  | 8112    | 12361  | 273534 | <a href="#">José Henrique Rubo</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>prótese parcial fixa   prótese sobre implantes   sistemas CAD/CAM   | 25      | 19          | 0.760               | 44        | 27          | 0.614               | 1885     | 859         | 0.456               |
| 2059  | 8113    | 12362  | 273568 | <a href="#">Nancy Cardia</a>                             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>democracy   violence   human rights   child maltreatment  | 25      | 12          | 0.480               | 36        | 19          | 0.528               | 1882     | 491         | 0.261               |
| 523   | 8114    | 12364  | 273587 | <a href="#">Maria Isabel Nogueira Cano</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética molecular de microrganismos  | 25      | 13          | 0.520               | 42        | 21          | 0.500               | 1880     | 525         | 0.279               |

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| 65  | 8115    | 12366  | 273602 | <a href="#">Márcio Machado</a>                          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Paraíba UFPB</a>                  | <a href="#">Business &amp; Management / Business Administration</a><br>Finanças   | 25      | 19          | 0.760               | 43        | 36          | 0.837               | 1879     | 1026        | 0.546               |
| 316   | 8116    | 12368  | 273629 | <a href="#">Leonardo Freire De Lima</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                | <a href="#">RioJaneiro</a><br>Glicobiologia   Parasitologia   Biologia Celular  | 25      | 19          | 0.760               | 40        | 35          | 0.875               | 1877     | 1172        | 0.624               |
| 344   | 8117    | 12369  | 273660 | <a href="#">Mirella M Moro</a>                          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>databases   social networks   bibliometrics   recommendation                                 | 25      | 13          | 0.520               | 48        | 20          | 0.417               | 1873     | 716         | 0.382               |
| 176   | 8118    | 12370  | 273662 | <a href="#">Marcus Vinicio Neves D'Oliveira</a>         |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>           | <a href="#">Pesquisador</a><br>manejo florestal   | 25      | 19          | 0.760               | 38        | 28          | 0.737               | 1873     | 1040        | 0.555               |
| 97  | 8119    | 12372  | 273666 | <a href="#">Angelina Acosta</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética humana e médica   | 25      | 15          | 0.600               | 48        | 27          | 0.563               | 1872     | 834         | 0.446               |
| 189   | 8120    | 12373  | 273672 | <a href="#">Roberto Wagner Júnior Freire De Freitas</a> |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                                 | <a href="#">Fundação Oswaldo Cruz</a><br>Saúde Coletiva   Saúde da Família   Doenças Crônicas não transmissíveis   Diabetes Mellitus                            | 25      | 19          | 0.760               | 49        | 40          | 0.816               | 1871     | 1190        | 0.636               |
| 13  | 8121    | 12374  | 273679 | <a href="#">Margarete Teresa Gottardo De Almeida</a>    |  <a href="#">Brazil</a>   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Micologia   Fitoterápicos   Análise de água                                       | 25      | 19          | 0.760               | 57        | 36          | 0.632               | 1870     | 1061        | 0.567               |
| 1   | 8122    | 12375  | 273689 | <a href="#">Daniel Bartholomeu</a>                      |  <a href="#">Brazil</a>   | <a href="#">Centro Universitário Fieo UNIFIEO</a>                     | <a href="#">StrictuSensuPsicologiEducacionalUNIFIEO</a><br>personalidade   emoções   relações sociais   avaliação psicológica                                   | 25      | 14          | 0.560               | 52        | 24          | 0.462               | 1869     | 817         | 0.437               |
| 176   | 8123    | 12376  | 273691 | <a href="#">Fabio Daura</a>                             |  <a href="#">Brazil</a>  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>           | Population Ecology   Conservation Biology   Behaviour Ecology   | 25      | 21          | 0.840               | 46        | 36          | 0.783               | 1869     | 1147        | 0.614               |
| 15  | 8124    | 12379  | 273707 | <a href="#">Soraya Moreno Palácio</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>     | tratamento de efluentes   processos oxidativos avançados   ecotoxicidade de efluentes industriais   ecotoxicidade de nanopartículas                             | 25      | 17          | 0.680               | 43        | 27          | 0.628               | 1868     | 1013        | 0.542               |
| 2060  | 8125    | 12380  | 273713 | <a href="#">Maristela Mitiko Okamoto</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Physiology</a><br>Diabetes mellitus   Fisiopatologia do diabetes mellitus   Resistência insulínica   insulino terapia | 25      | 14          | 0.560               | 33        | 25          | 0.758               | 1868     | 669         | 0.358               |
| 3   | 8126    | 12381  | 273725 | <a href="#">Eduardo Vieira Ponte</a>                    |  <a href="#">Brazil</a> | <a href="#">Faculdade de Medicina de Jundiaí</a>                      | <a href="#">Medical and Health Sciences / Chest Diseases</a>  | 25      | 16          | 0.640               | 36        | 27          | 0.750               | 1867     | 793         | 0.425               |
| 317   | 8127    | 12383  | 273761 | <a href="#">Luci Pirmez</a>                             |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                | <a href="#">PPGIRioJaneira</a><br>redes de sensores   redes sem fio   segurança em redes sem fio  | 25      | 15          | 0.600               | 47        | 24          | 0.511               | 1863     | 809         | 0.434               |



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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2061       | 8128    | 12384  | 273767 | <a href="#">Wagner Ferreira Dos Santos</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Neurochemistry   Neuropharmacology   Toxinology   | 25      | 14          | 0.560               | 37        | 23          | 0.622               | 1863     | 547         | 0.294               |
| 29         | 8129    | 12385  | 273781 | <a href="#">Paulo Estefano Dineli Bobrowiec</a>         |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de comunidades de morcegos   | 25      | 23          | 0.920               | 37        | 32          | 0.865               | 1862     | 1538        | 0.826               |
| 524        | 8130    | 12387  | 273791 | <a href="#">Renato Leonardo</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 25      | 13          | 0.520               | 37        | 21          | 0.568               | 1861     | 549         | 0.295               |
| 16         | 8131    | 12388  | 273821 | <a href="#">Soraya Castro Trindade</a>                  |  Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>         | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   periodontology  | 25      | 20          | 0.800               | 46        | 36          | 0.783               | 1858     | 1180        | 0.635               |
| 3          | 8132    | 12390  | 273850 | <a href="#">Aline Ferreira Ourique</a>                  |  Brazil   | <a href="#">Universidade Franciscana</a>                               | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia  | 25      | 22          | 0.880               | 44        | 39          | 0.886               | 1855     | 1284        | 0.692               |
| 57         | 8133    | 12393  | 273858 | <a href="#">Evandro Afonso Do Nascimento</a>            |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Produtos Naturais  | 25      | 14          | 0.560               | 47        | 23          | 0.489               | 1854     | 634         | 0.342               |
| 56         | 8134    | 12394  | 273866 | <a href="#">Marcia Cristina Da Costa Miguel</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>patologia oral  | 25      | 14          | 0.560               | 54        | 27          | 0.500               | 1853     | 946         | 0.511               |
| 2062       | 8135    | 12396  | 273881 | <a href="#">Celia Colli</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">FacFarmacêuticasP</a><br>Minerais em Alimentos e Nutrição.   | 25      | 17          | 0.680               | 40        | 23          | 0.575               | 1852     | 685         | 0.370               |
| 33         | 8136    | 12397  | 273886 | <a href="#">Carlos Alexandre Carollo</a>                |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais   Espectrometria de Massas   Metabolômica | 25      | 22          | 0.880               | 61        | 47          | 0.770               | 1851     | 1401        | 0.757               |
| 18         | 8137    | 12398  | 273887 | <a href="#">Lucas Meili</a>                             |  Brazil | <a href="#">Universidade Federal de Alagoas</a>                        | Separation Processes   adsorption   materials   materials characterization   | 25      | 24          | 0.960               | 55        | 50          | 0.909               | 1851     | 1641        | 0.887               |
| 2063       | 8138    | 12399  | 273910 | <a href="#">Lucas Veríssimo Warren</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Estratigrafia   Sedimentologia   Paleontologia   Pré-cambriano                                | 25      | 23          | 0.920               | 49        | 41          | 0.837               | 1849     | 1462        | 0.791               |
| 177        | 8139    | 12400  | 273950 | <a href="#">Agenor Furigo Jr</a>                        |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Processos Biotecnológicos  | 25      | 18          | 0.720               | 49        | 32          | 0.653               | 1844     | 997         | 0.541               |
| 559        | 8140    | 12401  | 273953 | <a href="#">Rodrigo Angerami</a>                        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">infectologistCampinas</a><br>Doenças transmissíveis   doenças transmitidas por vetores   doenças emergentes   febres hemorrágicas   febre maculosa | 25      | 18          | 0.720               | 44        | 31          | 0.705               | 1844     | 1104        | 0.599               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 318        | 8141    | 12402  | 273990 | <a href="#">Marina Bento Soares</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleontologia de vertebrados   anatomia   sistemática   paleoecologia   paleohistologia  | 25      | 20          | 0.800               | 59        | 47          | 0.797               | 1838     | 1198        | 0.652               |
| 525        | 8142    | 12403  | 274002 | <a href="#">Antonio Castilho</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Crustáceos   Decapoda   Camarões marinhos   Biodiversidade   Biogeografia  | 25      | 17          | 0.680               | 51        | 41          | 0.804               | 1837     | 971         | 0.529               |
| 98         | 8143    | 12405  | 274016 | <a href="#">Cristiane Flora Villarreal</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>dor   inflamação   dor neuropática   terapia celular  | 25      | 20          | 0.800               | 40        | 34          | 0.850               | 1836     | 1140        | 0.621               |
| 526        | 8144    | 12406  | 274022 | <a href="#">Reginaldo Barboza Da Silva</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Física do Solo Aplicada   Conservação do Solo   Qualidade do Solo   Saúde do Solo   | 25      | 14          | 0.560               | 51        | 22          | 0.431               | 1835     | 762         | 0.415               |
| 14         | 8145    | 12407  | 274026 | <a href="#">Jerry Penha</a>                             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Mato Grosso</a>                         | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia da pesca   Ecologia e conservação de populações   | 25      | 16          | 0.640               | 43        | 29          | 0.674               | 1835     | 1083        | 0.590               |
| 2064       | 8146    | 12408  | 274030 | <a href="#">Rita Yuri Ynoue</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">UniversidSÃO Paulo</a>  | 25      | 21          | 0.840               | 31        | 27          | 0.871               | 1835     | 1318        | 0.718               |
| 160        | 8147    | 12409  | 274032 | <a href="#">Cláudio Del Menezzi</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Engineering &amp; Technology / Engineering</a><br>engenharia da madeira   compósitos lignocelulósicos   produtos florestais não madeireiros   | 25      | 18          | 0.720               | 52        | 32          | 0.615               | 1834     | 930         | 0.507               |
| 190        | 8148    | 12410  | 274034 | <a href="#">Leonardo J Carvalho</a>                     |  <a href="#">Brazil</a>  | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Fundação Oswaldo Cruz</a><br>Malaria   pathogenesis   immunology   cardiovascular   | 25      | 15          | 0.600               | 46        | 27          | 0.587               | 1834     | 690         | 0.376               |
| 85         | 8149    | 12412  | 274095 | <a href="#">Valdir De Queiroz Balbino</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética de populações   Filogenia Molecular   Genética Forense   Bioinformática   | 25      | 18          | 0.720               | 52        | 38          | 0.731               | 1827     | 1260        | 0.690               |
| 144        | 8150    | 12413  | 274112 | <a href="#">Salomon S Mizrahi</a>                       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">PHYSICSUNIVERSIDAFEDERALSÁFOCARLOS</a><br>Physics   Mathematics   Biology   | 25      | 9           | 0.360               | 62        | 6           | 0.097               | 1825     | 287         | 0.157               |
| 2065       | 8151    | 12414  | 274126 | <a href="#">Marco Antonio Correa Varella</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Social Sciences / Psychology</a><br>Evolutionary Psychology   Evolutionary Aesthetics & Arts   Sexual Selection   Anthropomorphism   Covid-19 Pandemic  | 25      | 23          | 0.920               | 42        | 39          | 0.929               | 1824     | 1695        | 0.929               |
| 74         | 8152    | 12415  | 274149 | <a href="#">Janete De Souza Urbanetto</a>               |  <a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Egerontologia&amp;#226</a><br>Enfemagem   Segurança do Paciente   Saúde do Trabalhador   Educação   | 25      | 19          | 0.760               | 45        | 35          | 0.778               | 1821     | 1110        | 0.610               |
| 560        | 8153    | 12418  | 274174 | <a href="#">Giovana Maria Fioramonti Calixto</a>        |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia Farmac&#226tica   Sistemas de libera&#227o de f&#226rmacos   muco/bioades&#227o   f&#226rmacos pept&#226dicos | 25      | 23          | 0.920               | 30        | 29          | 0.967               | 1819     | 1516        | 0.833               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 54  | 8154    | 12419  | 274185 | <a href="#">Luiz Carlos De Albuquerque</a>     |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Social Sciences / Psychology</a><br>Análise do Comportamento   seleção do comportamento por justificativas e por consequências imediatas. | 25      | 8           | 0.320               | 34        | 4           | 0.118               | 1818     | 216         | 0.119               |
| 2066  | 8155    | 12421  | 274225 | <a href="#">Roberto Dd Costa</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Abundâncias químicas   evolução química   nebulosas planetárias   espectroscopia                        | 25      | 9           | 0.360               | 43        | 9           | 0.209               | 1814     | 313         | 0.173               |
| 18  | 8156    | 12422  | 274231 | <a href="#">Roberta Monterazzo Cysneiros</a>   |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neuroscience   epilepsy   social behavior   neurobiology   neurophysiology              | 25      | 14          | 0.560               | 45        | 20          | 0.444               | 1813     | 600         | 0.331               |
| 99  | 8157    | 12424  | 274265 | <a href="#">Aroldo Misi</a>                    |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Metalogênese   Fosfogênese   Bacias sedimentares   Químioestratigrafia               | 25      | 16          | 0.640               | 42        | 25          | 0.595               | 1809     | 652         | 0.360               |
| 2067  | 8158    | 12425  | 274286 | <a href="#">María Sol Brassesco</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Oncologia   Citogenética   Alvos terapêuticos  | 25      | 16          | 0.640               | 59        | 35          | 0.593               | 1806     | 878         | 0.486               |
| 527   | 8159    | 12428  | 274309 | <a href="#">Leandro Mantovani De Castro</a>    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Proteólise Celular   peptídeos bioativos   espectrometria de massas            | 25      | 17          | 0.680               | 37        | 24          | 0.649               | 1804     | 826         | 0.458               |
| 2068  | 8160    | 12429  | 274318 | <a href="#">Benedito S Lima Neto</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise por complexos de metais de coordenação   | 25      | 12          | 0.480               | 49        | 23          | 0.469               | 1803     | 504         | 0.280               |
| 6   | 8161    | 12430  | 274329 | <a href="#">Tarciana Nobre De Menezes</a>      |  Brazil   | <a href="#">Universidade Estadual da Paraíba UEPB</a>                  |   | 25      | 19          | 0.760               | 47        | 34          | 0.723               | 1801     | 907         | 0.504               |
| 57  | 8162    | 12432  | 274345 | <a href="#">Gustavo Augusto Seabra Barbosa</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Reabilitação Oral  | 25      | 20          | 0.800               | 36        | 29          | 0.806               | 1800     | 1114        | 0.619               |
| 90  | 8163    | 12434  | 274356 | <a href="#">Crisieli Tomeleri</a>              |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                      | Resistance Training   low-grade inflammation   physical activity   dyslipidemia   metabolic syndrome  | 25      | 24          | 0.960               | 42        | 42          | 1.000               | 1799     | 1699        | 0.944               |
| 58  | 8164    | 12436  | 274366 | <a href="#">Ernesto Akio Taketomi</a>          |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Alergia e Imunologia Clínica  | 25      | 10          | 0.400               | 46        | 11          | 0.239               | 1797     | 408         | 0.227               |
| 177   | 8165    | 12437  | 274377 | <a href="#">Denise Baptaglin Montagner</a>     |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Embrapa Gado de Corte</a><br>forragicultura e pastagens   manejo de pastagens   produção animal em pastagens                              | 25      | 18          | 0.720               | 48        | 31          | 0.646               | 1796     | 1009        | 0.562               |
| 67  | 8166    | 12440  | 274397 | <a href="#">Fausto Weimar Acerbi Júnior</a>    |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">IIIUniversidLavras</a><br>Sensoriamento remoto   SIG   Processamento de imagens   Manejo Florestal  | 25      | 18          | 0.720               | 53        | 37          | 0.698               | 1794     | 1050        | 0.585               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 178        | 8167    | 12441  | 274404 | <a href="#">Rogerio Biaggioni Lopes</a>                 |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Embrapa Genetic Resources and Biotechnology - research scientist</a><br>Invertebrate Pathology and Insect Microbial Control                              | 25      | 19          | 0.760               | 39        | 30          | 0.769               | 1794     | 1008        | 0.562               |
| 528        | 8168    | 12445  | 274439 | <a href="#">Rondinelli Donizetti Herculano</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   Natural Latex   Bioengineering   Drug Delivery   Natural Rubber | 25      | 23          | 0.920               | 52        | 42          | 0.808               | 1790     | 1339        | 0.748               |
| 58         | 8169    | 12446  | 274446 | <a href="#">Anderson Gabriel Marques Da Silva</a>       |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Pontifical Catholicof Rio Janeiro</a><br>Controlled nanostructures   Catalysis   Plasmonics   Electrochemistry   | 25      | 22          | 0.880               | 43        | 41          | 0.953               | 1790     | 1550        | 0.866               |
| 2          | 8170    | 12448  | 274456 | <a href="#">JC Cogo</a>                                 |  Brazil   | <a href="#">Universidade Brasil</a>  | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Toxinologia   Junção Neuromuscular   Venenos de serpentes                                   | 25      | 14          | 0.560               | 50        | 26          | 0.520               | 1789     | 662         | 0.370               |
| 2069       | 8171    | 12452  | 274491 | <a href="#">Carlos R Bueno Júnior</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Education / Education</a><br>Educação Física   Genética   Envelhecimento   Obesidade   | 25      | 18          | 0.720               | 38        | 29          | 0.763               | 1786     | 796         | 0.446               |
| 2070       | 8172    | 12453  | 274508 | <a href="#">Ana Lilia Alzate Marin</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a>  | 25      | 13          | 0.520               | 55        | 17          | 0.309               | 1784     | 461         | 0.258               |
| 345        | 8173    | 12454  | 274514 | <a href="#">Maicon Rodrigues Albuquerque</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Ciências do Esporte Neuropsicologia Comportamento Motor </a><br>Ciências do Esporte   Neuropsicologia   Comportamento Motor                              | 25      | 22          | 0.880               | 48        | 41          | 0.854               | 1783     | 1366        | 0.766               |
| 529        | 8174    | 12455  | 274516 | <a href="#">Fernando Barbosa Noll</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | entomologia   cladística   comportamento social   insetos sociais   Vespidae   | 25      | 12          | 0.480               | 47        | 22          | 0.468               | 1783     | 616         | 0.345               |
| 319        | 8175    | 12456  | 274518 | <a href="#">Paulo Dorneles</a>                          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">RioJaneiro</a><br>pollutants   | 25      | 19          | 0.760               | 35        | 27          | 0.771               | 1783     | 876         | 0.491               |
| 2071       | 8176    | 12457  | 274523 | <a href="#">Airlane P Alencar</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Statistics</a><br>Applied statistics   Time series   Epidemiology   | 25      | 17          | 0.680               | 47        | 34          | 0.723               | 1782     | 865         | 0.485               |
| 100        | 8177    | 12459  | 274534 | <a href="#">Cassiano Monteiro Neto</a>                  |  Brazil | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de peixes   modelagem de ecossistemas   pesca artesanal  | 25      | 16          | 0.640               | 53        | 30          | 0.566               | 1780     | 810         | 0.455               |
| 2072       | 8178    | 12461  | 274574 | <a href="#">Patrícia Coelho De Soárez</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">MedicinMedicinSÃOfoâ€</a><br>Health Technology Assessment   Health Economic Evaluation   Systematic Review of Health Economic Evaluation Studies         | 25      | 18          | 0.720               | 45        | 32          | 0.711               | 1776     | 988         | 0.556               |
| 161        | 8179    | 12462  | 274595 | <a href="#">Cícero Célio De Figueiredo</a>              |  Brazil | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil organic matter and biochar  | 25      | 22          | 0.880               | 54        | 45          | 0.833               | 1773     | 1353        | 0.763               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 26         | 8180    | 12464  | 274600 | <a href="#">Odinei Hess Gonçalves</a>                   |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>                 | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Technology   Chemical Engineering   Materials Science   bioactive compounds   nanoengineered foods | 25      | 24          | 0.960               | 48        | 42          | 0.875               | 1773     | 1444        | 0.814               |
| 17         | 8181    | 12466  | 274621 | <a href="#">Fabiano Politti</a>                         |  Brazil   | <a href="#">Universidade Nove de Julho</a>                                       | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>eletromiografia   disfunção temporomandibular   acupuntura   biomecanica  | 25      | 22          | 0.880               | 55        | 46          | 0.836               | 1769     | 1294        | 0.731               |
| 23         | 8182    | 12467  | 274626 | <a href="#">Josias Merib</a>                            |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | Sample Preparation   Separations   Biological Applications   Cancer Biomarkers   | 25      | 22          | 0.880               | 48        | 45          | 0.938               | 1769     | 1393        | 0.787               |
| 68         | 8183    | 12469  | 274634 | <a href="#">Jefferson Luiz Gomes Corrêa</a>             |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                              | <a href="#">IIUniversidLavras</a><br>Ciência dos Alimentos   | 25      | 19          | 0.760               | 51        | 34          | 0.667               | 1768     | 1058        | 0.598               |
| 2073       | 8184    | 12470  | 274651 | <a href="#">Cláudia Lima Verde Leal</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">UniversidSão Paulo</a><br>Biotecnologia de Reprodução Animal   | 25      | 14          | 0.560               | 42        | 21          | 0.500               | 1766     | 850         | 0.481               |
| 29         | 8185    | 12475  | 274724 | <a href="#">Victor Haber Perez</a>                      |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food and chemical engineering and technology  | 25      | 19          | 0.760               | 45        | 33          | 0.733               | 1753     | 961         | 0.548               |
| 320        | 8186    | 12476  | 274738 | <a href="#">Cristian Follmer</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">RioJaneiro</a><br>Parkinson's disease   protein misfolding and aggregation   neurodegeneration   alpha-synuclein   | 25      | 16          | 0.640               | 32        | 29          | 0.906               | 1751     | 779         | 0.445               |
| 71         | 8187    | 12477  | 274744 | <a href="#">Marsen Garcia Pinto Coelho</a>              |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                    | <a href="#">uerj</a>   | 25      | 15          | 0.600               | 45        | 26          | 0.578               | 1750     | 669         | 0.382               |
| 76         | 8188    | 12480  | 274790 | <a href="#">Marcos Lázaro Moreli</a>                    |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                                | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia   Microbiologia   Biologia Molecular   Imunologia  | 25      | 16          | 0.640               | 35        | 22          | 0.629               | 1744     | 775         | 0.444               |
| 15         | 8189    | 12482  | 274811 | <a href="#">Almir Vieira Dibai Filho</a>                |  Brazil | <a href="#">Universidade Federal do Maranhão</a>                                 | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Physical Therapy Modalities   Musculoskeletal System   Chronic Pain   Patient-Reported Outcome Measures                 | 25      | 21          | 0.840               | 50        | 43          | 0.860               | 1741     | 1270        | 0.729               |
| 101        | 8190    | 12483  | 274818 | <a href="#">Simone Martins</a>                          |  Brazil | <a href="#">Universidade Federal Fluminense</a>                                  | Metaheuristics - Combinatorial optimization - Parallel metaheuristics  | 25      | 14          | 0.560               | 34        | 20          | 0.588               | 1741     | 563         | 0.323               |
| 128        | 8191    | 12485  | 274833 | <a href="#">Adriana Takahashi</a>                       |  Brazil | <a href="#">Universidade Federal do Paraná</a>                                   | <a href="#">Business &amp; Management / Strategic Management</a><br>Estratégia   | 25      | 18          | 0.720               | 40        | 30          | 0.750               | 1738     | 1041        | 0.599               |
| 561        | 8192    | 12486  | 274841 | <a href="#">José Luiz Costa</a>                         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Toxicology   Analytical Toxicology   Forensic Toxicology   Chromatography   Mass Spectrometry  | 25      | 18          | 0.720               | 56        | 41          | 0.732               | 1736     | 1115        | 0.642               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 129   | 8193    | 12488  | 274860 | <a href="#">Ismael Heisler</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                          | <a href="#">Natural Sciences / Physics</a><br>Ultrafast Spectroscopy   Physical Chemistry   Photophysics   Photochemistry                                 | 25      | 15          | 0.600               | 41        | 23          | 0.561               | 1734     | 752         | 0.434               |
| 77  | 8194    | 12489  | 274864 | <a href="#">Lauro June Queiroz Maia</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Goiás UFG</a>                       | <a href="#">Federal University of Goiás</a>   | 25      | 18          | 0.720               | 52        | 37          | 0.712               | 1733     | 1032        | 0.595               |
| 2074  | 8195    | 12494  | 274929 | <a href="#">Vilma Leyton</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Forensic Medicine</a><br>Toxicology   Epidemiology   Public Health  | 25      | 17          | 0.680               | 47        | 33          | 0.702               | 1726     | 881         | 0.510               |
| 46  | 8196    | 12497  | 274965 | <a href="#">Mateus BF Dos Santos</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prosthodontics   Oral implantology   Clinical Research   | 25      | 21          | 0.840               | 46        | 40          | 0.870               | 1721     | 1134        | 0.659               |
| 2075  | 8197    | 12499  | 274974 | <a href="#">Paulo Roberto Pereira Santiago</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Biomechanics   Sports Science   computer science in sports                             | 25      | 21          | 0.840               | 43        | 38          | 0.884               | 1720     | 1283        | 0.746               |
| 562   | 8198    | 12500  | 274982 | <a href="#">Marcelo Lancellotti</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   Biotecnologia   Nanotecnologia  | 25      | 17          | 0.680               | 51        | 38          | 0.745               | 1718     | 1003        | 0.584               |
| 102   | 8199    | 12502  | 275029 | <a href="#">Renato Bastos Guimarães</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                         | <a href="#">Natural Sciences / Physics</a><br>ciencia dos materiais   fluorescencia   difração de raios x   cristalografia   Rietveld                     | 25      | 13          | 0.520               | 48        | 18          | 0.375               | 1712     | 510         | 0.298               |
| 29  | 8200    | 12503  | 275031 | <a href="#">Evelise Souza</a>                  |  <a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>        | <a href="#">Medical and Health Sciences / Dentistry</a><br>Composite resins   resin cements   dental bonding   dental bleaching   dentin hypersensitivity | 25      | 18          | 0.720               | 37        | 32          | 0.865               | 1712     | 982         | 0.574               |
| 86  | 8201    | 12505  | 275071 | <a href="#">Raquel Cristine Kuhn</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">biotechnology </a><br>biotechnology   | 25      | 22          | 0.880               | 51        | 43          | 0.843               | 1704     | 1316        | 0.772               |
| 2076  | 8202    | 12506  | 275072 | <a href="#">Elcio Oliveira Vianna</a>          |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidS. Paulo</a><br>Medicina   | 25      | 14          | 0.560               | 51        | 24          | 0.471               | 1704     | 622         | 0.365               |
| 2077  | 8203    | 12508  | 275117 | <a href="#">André Fabio Kohn</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>human neuroscience   computational neuroscience   motor control                  | 25      | 15          | 0.600               | 46        | 22          | 0.478               | 1697     | 605         | 0.357               |
| 87  | 8204    | 12512  | 275185 | <a href="#">Paola Azevedo Mello</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Maria UFSM</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   processos químicos   biomassa   petróleo   espectrometria                               | 25      | 20          | 0.800               | 50        | 43          | 0.860               | 1686     | 1125        | 0.667               |
| 30  | 8205    | 12516  | 275265 | <a href="#">Adolfo Horn Junior</a>             |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   | 25      | 14          | 0.560               | 43        | 24          | 0.558               | 1672     | 626         | 0.374               |



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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 563        | 8206    | 12518  | 275290 | <a href="#">Edson Pimentel</a>                          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular  | 25      | 16          | 0.640               | 52        | 26          | 0.500               | 1668     | 729         | 0.437               |
| 2078       | 8207    | 12519  | 275296 | <a href="#">Victor Hugo Aquino</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Virology  | 25      | 14          | 0.560               | 38        | 22          | 0.579               | 1668     | 660         | 0.396               |
| 530        | 8208    | 12521  | 275308 | <a href="#">Alex Maia</a>                               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">BiometeorologiaAnimalCampus&amp;E!</a><br>Biometeorologia Animal   | 25      | 19          | 0.760               | 38        | 35          | 0.921               | 1666     | 949         | 0.570               |
| 2079       | 8209    | 12522  | 275324 | <a href="#">Janice Rodrigues Perussi</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>fotossensibilizadores   terapia fotodinâmica   fotoativação   células   microrganismos | 25      | 12          | 0.480               | 44        | 18          | 0.409               | 1663     | 620         | 0.373               |
| 18         | 8210    | 12525  | 275338 | <a href="#">Alessandro M Deana</a>                      |  Brazil   | <a href="#">Universidade Nove de Julho</a>                             | <a href="#">Natural Sciences / Physics</a><br>Solid State Lasers   Laser   Biophotonics   Laser Speckle Imaging                                | 25      | 21          | 0.840               | 52        | 41          | 0.788               | 1661     | 1236        | 0.744               |
| 2080       | 8211    | 12527  | 275343 | <a href="#">Fernanda Ludmilla Rossi Rocha</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto</a><br>Enfermagem   Saúde do Trabalhador   Gestão em Saúde   Cultura Organizacional                                 | 25      | 20          | 0.800               | 44        | 39          | 0.886               | 1659     | 1000        | 0.603               |
| 27         | 8212    | 12529  | 275366 | <a href="#">Cassiano Moro Piekarski</a>                 |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Tecnológica</a><br>Life Cycle Assessment   Bioenergy   Sustainable Production and Consumption   Production Engineering.            | 25      | 24          | 0.960               | 40        | 36          | 0.900               | 1655     | 1567        | 0.947               |
| 531        | 8213    | 12530  | 275375 | <a href="#">Cecilio Sadao Fugivara</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Eletrônica   Corrosão   Inibidores de Corrosão   Tratamento de superfícies                       | 25      | 16          | 0.640               | 36        | 27          | 0.750               | 1654     | 791         | 0.478               |
| 126        | 8214    | 12531  | 275382 | <a href="#">Camila Teixeira Moreira Vasconcelos</a>     |  Brazil  | <a href="#">Universidade Federal do Ceará</a>                          | Saúde da Mulher   Educação em saúde   Promoção da saúde   Disfunção do Assolho Pélvico   Tecnologias   | 25      | 20          | 0.800               | 51        | 43          | 0.843               | 1652     | 1098        | 0.665               |
| 2081       | 8215    | 12532  | 275386 | <a href="#">Sabrina F Lisboa</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Neuropsychopharmacology   Neuroimmunology   Stress     | 25      | 18          | 0.720               | 29        | 27          | 0.931               | 1652     | 808         | 0.489               |
| 315        | 8216    | 12534  | 275407 | <a href="#">Isabela Heineck</a>                         |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Universidade Federal do Rio Grande do Sul</a><br>assistência farmacêutica   uso racional de medicamentos                           | 25      | 17          | 0.680               | 41        | 26          | 0.634               | 1646     | 729         | 0.443               |
| 22         | 8217    | 12536  | 275420 | <a href="#">Neyde Fabíola Balarezo Giarola</a>          |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">DoSoloPontGrossa</a><br>Ciência do Solo   Física do Solo   Pedologia   Gênese e Morfologia do Solo                                 | 25      | 17          | 0.680               | 43        | 27          | 0.628               | 1643     | 811         | 0.494               |
| 69         | 8218    | 12537  | 275431 | <a href="#">Sérgio Henrique Godinho Silva</a>           |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Science   Pedology   Pedometrics   Digital Soil Mapping | 25      | 24          | 0.960               | 55        | 53          | 0.964               | 1640     | 1518        | 0.926               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 179        | 8219    | 12538  | 275438 | <a href="#">Abelmon Da Silva Gesteira</a>               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Citrus   Molecular Biology   Genomics   Proteomics                         | 25      | 17          | 0.680               | 42        | 29          | 0.690               | 1639     | 846         | 0.516               |
| 6          | 8220    | 12539  | 275461 | <a href="#">Kátia Gonçalves Dos Santos</a>              |  Brazil   | <a href="#">Universidade Luterana do Brasil ULBRA</a>                | <a href="#">LuteranBrasil(ULBRA)</a><br>diabetic retinopathy   heart failure   microRNAs   polymorphisms  | 25      | 14          | 0.560               | 35        | 23          | 0.657               | 1636     | 606         | 0.370               |
| 346        | 8221    | 12540  | 275472 | <a href="#">Marcelo Rizzatti Luizon</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Epigenomics   Human Genetics   Pharmacogenomics                            | 25      | 17          | 0.680               | 50        | 33          | 0.660               | 1633     | 856         | 0.524               |
| 23         | 8222    | 12541  | 275494 | <a href="#">Maria Helena Pereira Franco</a>             |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia   Psicologia Clínica   luto   emergencias.   | 25      | 19          | 0.760               | 40        | 27          | 0.675               | 1628     | 868         | 0.533               |
| 31         | 8223    | 12544  | 275550 | <a href="#">Saravanan Shanmugam</a>                     |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                  | <a href="#">Sergipe</a><br>Antioxidant   Pharmacology   | 25      | 22          | 0.880               | 50        | 43          | 0.860               | 1617     | 1347        | 0.833               |
| 8          | 8224    | 12545  | 275588 | <a href="#">Renato Camargo Matos</a>                    |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Analítica   | 25      | 15          | 0.600               | 39        | 22          | 0.564               | 1609     | 612         | 0.380               |
| 347        | 8225    | 12546  | 275593 | <a href="#">Isolda Castro Mendes</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>química inorgânica   ciência da conservação   bioinorgânica                               | 25      | 16          | 0.640               | 30        | 24          | 0.800               | 1609     | 565         | 0.351               |
| 2082       | 8226    | 12550  | 275633 | <a href="#">Maria Celia Barcellosdalri</a>              |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Doutor</a><br>Enfermagem  | 25      | 13          | 0.520               | 51        | 22          | 0.431               | 1599     | 597         | 0.373               |
| 201        | 8227    | 12551  | 275638 | <a href="#">Rodrigo Choueri</a>                         |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecotoxicologia   | 25      | 20          | 0.800               | 35        | 28          | 0.800               | 1598     | 983         | 0.615               |
| 22         | 8228    | 12552  | 275640 | <a href="#">Cristiano Wrasse</a>                        |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>            | <a href="#">Pesquisador Titular - INPE</a><br>Geofísica espacial   acoplamento energético da atmosfera  | 25      | 16          | 0.640               | 47        | 32          | 0.681               | 1597     | 869         | 0.544               |
| 2083       | 8229    | 12556  | 275721 | <a href="#">Maria Lucia Hirata Katayama</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Medicida</a>  | 25      | 14          | 0.560               | 40        | 19          | 0.475               | 1571     | 591         | 0.376               |
| 39         | 8230    | 12558  | 275730 | <a href="#">Valderio A Reisen</a>                       |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>               | <a href="#">EspíritoSantoBrazilandaleSupelécParis</a><br>Bootstrap   Long Memory   Regression Models   Robust Statistics   Time Series Analysis   | 25      | 15          | 0.600               | 39        | 24          | 0.615               | 1567     | 709         | 0.452               |
| 348        | 8231    | 12559  | 275744 | <a href="#">Gerson Pianetti</a>                         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmácia   medicamentos   qualidade   memória da farmácia | 25      | 15          | 0.600               | 48        | 26          | 0.542               | 1563     | 715         | 0.457               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 145   | 8232    | 12565  | 275807 | <a href="#">Stela Mattiello</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>               | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>fisioterapia   cartilagem articular   osteoartrite   biomecânica do ombro  | 25      | 18          | 0.720               | 43        | 30          | 0.698               | 1536     | 911         | 0.593               |
| 2084  | 8233    | 12568  | 275851 | <a href="#">Maria Aparecida Azevedo Koike Folgueira</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>oncology  | 25      | 14          | 0.560               | 36        | 19          | 0.528               | 1521     | 656         | 0.431               |
| 86  | 8234    | 12570  | 275864 | <a href="#">Francisco Cysneiros</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pernambuco</a>               | <a href="#">Natural Sciences / Statistics</a><br>Regression models   asymptotic theory  | 25      | 16          | 0.640               | 34        | 24          | 0.706               | 1517     | 831         | 0.548               |
| 321   | 8235    | 12571  | 275874 | <a href="#">Roberto PC Neto</a>                         |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Tecnologia Polímeros Rio de Janeiro</a><br>Time-Domain NMR   NMR Relaxation   Polymer   Nanoparticles   Food Analysis   | 25      | 20          | 0.800               | 35        | 31          | 0.886               | 1511     | 1341        | 0.887               |
| 2085  | 8236    | 12575  | 275904 | <a href="#">Y Dwivedi</a>                               |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Banaras Hindu University</a><br>Spectroscopy   Composite Nanomaterials   Lanthanide elements  | 25      | 15          | 0.600               | 45        | 27          | 0.600               | 1498     | 668         | 0.446               |
| 2086  | 8237    | 12576  | 275933 | <a href="#">Adilson José De Almeida</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>Humanidades   Ciências Humanas   História   Filosofia  | 25      | 14          | 0.560               | 35        | 25          | 0.714               | 1479     | 588         | 0.398               |
| 78  | 8238    | 12577  | 275953 | <a href="#">Sumbal Saba</a>                             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Goiás UFG</a>                | <a href="#">UFG Universidade Goiás</a><br>Green and new methodologies   biologically important compounds   Organochalcogen chemistry   Catalysis   Photochemistry and Electrochem | 25      | 22          | 0.880               | 34        | 33          | 0.971               | 1465     | 1306        | 0.891               |
| 55  | 8239    | 12578  | 276006 | <a href="#">Jorddy Neves Cruz</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pará UFPA</a>                | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a>  | 25      | 25          | 1.000               | 37        | 37          | 1.000               | 1412     | 1407        | 0.996               |
| 2087  | 8240    | 12580  | 276042 | <a href="#">Patrícia Alves De Castro</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   biologia molecular   genética   microorganismos  | 25      | 20          | 0.800               | 36        | 33          | 0.917               | 1347     | 972         | 0.722               |
| 316   | 8241    | 12582  | 276054 | <a href="#">Morgana Bazzan Dessuy</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Method Development   Atomic Absorption Spectrometry   Sample Preparation                           | 25      | 16          | 0.640               | 39        | 25          | 0.641               | 1299     | 587         | 0.452               |
| 2088  | 8242    | 12588  | 276226 | <a href="#">Magaiver Andrade Silva</a>                  |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Metabolism   Pharmacology  | 24      | 17          | 0.708               | 59        | 28          | 0.475               | 11772    | 6900        | 0.586               |
| 40  | 8243    | 12591  | 276273 | <a href="#">Edison Santos</a>                           |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Espírito Santo</a>           | <a href="#">Natural Sciences / Physics</a><br>Physics   | 24      | 24          | 1.000               | 28        | 27          | 0.964               | 10405    | 10242       | 0.984               |
| 14  | 8244    | 12592  | 276311 | <a href="#">Wilson Rosa De Almeida</a>                  |  <a href="#">Brazil</a> | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>         | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Photonics   Silicon Photonics   Fiber Optics   Sensors  | 24      | 15          | 0.625               | 35        | 22          | 0.629               | 9611     | 2629        | 0.274               |
| 30  | 8245    | 12593  | 276316 | <a href="#">Marilda Aparecida Behrens</a>               |  <a href="#">Brazil</a> | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a> | <a href="#">Education / Education</a><br>Didática   Educação   Metodologia   Complexidade   | 24      | 17          | 0.708               | 50        | 27          | 0.540               | 9484     | 3682        | 0.388               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 29  | 8246    | 12594  | 276330 | <a href="#">Marco Antonio Perin</a>  |  <a href="#">Brazil</a>   | <a href="#">Hospital Israelita Albert Einstein</a>        | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia Intervencionista   | 24      | 13          | 0.542               | 51        | 16          | 0.314               | 9201     | 2036        | 0.221               |
| 191   | 8247    | 12595  | 276338 | <a href="#">Gabriel Da Rocha Fernandes</a>   |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                     | <a href="#">Fiocruz Minas - Instituto Rene Rachou</a><br>Bioinformatics   Genomics   Database   Microbiota   Microbiome  | 24      | 20          | 0.833               | 39        | 33          | 0.846               | 9036     | 5176        | 0.573               |
| 2089  | 8248    | 12596  | 276357 | <a href="#">Jose Carlos Marion</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">ArmanMarioneDurvaliSegrMarion</a><br>contabilidade   | 24      | 17          | 0.708               | 40        | 19          | 0.475               | 8722     | 2459        | 0.282               |
| 103   | 8249    | 12599  | 276434 | <a href="#">Paula Sibilía</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>           | <a href="#">EstuCulturaiseMídia&amp;E!</a>   | 24      | 18          | 0.750               | 41        | 25          | 0.610               | 7913     | 3556        | 0.449               |
| 564   | 8250    | 12600  | 276442 | <a href="#">Leandro Martínez</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Natural Sciences / Chemical Sciences</a>   | 24      | 15          | 0.625               | 50        | 31          | 0.620               | 7841     | 5026        | 0.641               |
| 2090  | 8251    | 12603  | 276581 | <a href="#">Douglas Roque Andrade</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Promoção da atividade física   promoção da saúde   políticas de saúde pública                           | 24      | 17          | 0.708               | 52        | 30          | 0.577               | 6853     | 2718        | 0.397               |
| 38  | 8252    | 12605  | 276625 | <a href="#">Ronaldo C Prati</a> / <a href="#">Ronaldo Cristiano Prati</a> ,<br><a href="#">Ronaldo Prati</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>         | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Machine Learning   Data Mining   Artificial Intelligence  | 24      | 17          | 0.708               | 51        | 28          | 0.549               | 6590     | 4031        | 0.612               |
| 322   | 8253    | 12607  | 276764 | <a href="#">Nicim Zagury</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Physics</a><br>Quantum Optics   Quantum Information   | 24      | 12          | 0.500               | 47        | 13          | 0.277               | 6030     | 1245        | 0.206               |
| 1   | 8254    | 12610  | 276835 | <a href="#">Daniel Piotto</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Sul da Bahia</a>      | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Forest ecology   Forest management   Plantation forestry  | 24      | 21          | 0.875               | 35        | 30          | 0.857               | 5747     | 4400        | 0.766               |
| 2091  | 8255    | 12611  | 276845 | <a href="#">Luiz Antonio Baccala</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signal Analysis and Processing   Neural Connectivity   Causality Analysis        | 24      | 16          | 0.667               | 42        | 20          | 0.476               | 5716     | 1656        | 0.290               |
| 2092  | 8256    | 12612  | 276902 | <a href="#">Daniel Capaldo Amaral</a>  |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Business &amp; Management / Entrepreneurship</a><br>innovation   design management   product development process   technology development                      | 24      | 20          | 0.833               | 52        | 29          | 0.558               | 5565     | 2669        | 0.480               |
| 2093  | 8257    | 12613  | 276904 | <a href="#">Bettina Malnic</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Molecular Neuroscience   Olfaction   Chemosensation   Molecular Biology                                      | 24      | 18          | 0.750               | 29        | 24          | 0.828               | 5561     | 1813        | 0.326               |
| 323   | 8258    | 12614  | 276912 | <a href="#">Paulo Cesar Da Costa Gomes</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Geography</a><br>Geografia   teoria e métodos em geografia   história da geografia  | 24      | 16          | 0.667               | 35        | 21          | 0.600               | 5543     | 1828        | 0.330               |
| 192   | 8259    | 12615  | 276942 | <a href="#">Andre Miguel Japiassu</a>  |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                     | <a href="#">Instituto Nacional de Infectologia Evandro Chagas/FIOCRUZ</a><br>Medicina Intensiva/Intensive Care   Sepsis   Health Care Quality and Safety   Palliative Care | 24      | 20          | 0.833               | 38        | 26          | 0.684               | 5462     | 2008        | 0.368               |
| 2094  | 8260    | 12616  | 276947 | <a href="#">Jose Guilherme Mendes Pereira Caldas</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Radiology</a><br>Neurorradiologia intervencionista   | 24      | 16          | 0.667               | 53        | 26          | 0.491               | 5450     | 867         | 0.159               |













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|---|---------|--------|--------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 8261    | 12617  | 276995 | <a href="#">Joaquim Odilon Pereira</a>           |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFERSA</a>                                 | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil compaction   Soil dynamics in soil-machine system   Tillage   Management system        | 24      | 20          | 0.833               | 58        | 27          | 0.466               | 5306     | 3291        | 0.620               |
| 2095  | 8262    | 12620  | 277034 | <a href="#">Jose Jayme Galvao De Lima</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Médico Supervisor Hospital das Clínicas da HAS   DRC  </a>  | 24      | 10          | 0.417               | 39        | 11          | 0.282               | 5199     | 1026        | 0.197               |
| 349   | 8263    | 12621  | 277059 | <a href="#">Vagner Fonseca</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                                       | <a href="#">Student</a><br>bioinformatics   | 24      | 24          | 1.000               | 36        | 36          | 1.000               | 5135     | 5120        | 0.997               |
| 532   | 8264    | 12623  | 277190 | <a href="#">Marcia Ferreira Da Rosa Sobreira</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Clinical pathology   histology   citology   hematology   hemostasis  | 24      | 18          | 0.750               | 48        | 27          | 0.563               | 4904     | 3489        | 0.711               |
| 39  | 8265    | 12624  | 277260 | <a href="#">Marcelo Christoffolete</a>           |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>   | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia   Metabolismo   Biologia Molecular   | 24      | 17          | 0.708               | 30        | 26          | 0.867               | 4779     | 1580        | 0.331               |
| 1   | 8266    | 12625  | 277295 | <a href="#">Adriana Paiva De Oliveira</a>        |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia de Mato Grosso Campus Cuiabá</a> |   | 24      | 19          | 0.792               | 73        | 42          | 0.575               | 4733     | 3145        | 0.664               |
| 350   | 8267    | 12626  | 277326 | <a href="#">Rogerio Magalhaes Paniago</a>        |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                                       | <a href="#">Natural Sciences / Physics</a><br>Materials   Nanostructures   Two-Dimensional Materials   Synchrotron Radiation   Scanning Tunneling Microscopy and Spectroscopy | 24      | 13          | 0.542               | 52        | 19          | 0.365               | 4666     | 1822        | 0.390               |
| 58  | 8268    | 12628  | 277352 | <a href="#">Sergio Neuenschwander</a>            |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>                                     | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurosciences   Vision  | 24      | 15          | 0.625               | 28        | 19          | 0.679               | 4629     | 1012        | 0.219               |
| 317   | 8269    | 12630  | 277426 | <a href="#">Régio Pierre Da Silva</a>            |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                 | <a href="#">Design Rio Grande Sul UFRGS</a><br>Design   Projeto de Produto   Tecnologia Assistiva   Design I  | 24      | 20          | 0.833               | 69        | 35          | 0.507               | 4551     | 1907        | 0.419               |
| 2096  | 8270    | 12633  | 277486 | <a href="#">Arthur HC De Oliveira</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica e Biofísica de Proteínas   Biologia Molecular   Biotecnologia  | 24      | 20          | 0.833               | 48        | 29          | 0.604               | 4491     | 3896        | 0.868               |
| 6   | 8271    | 12634  | 277497 | <a href="#">Dominik Lenz</a>                     |  Brazil | <a href="#">Universidade Vila Velha UVV</a>   | <a href="#">VilVelha</a><br>citometria   analise de imagens   machine learning  | 24      | 18          | 0.750               | 52        | 27          | 0.519               | 4473     | 1430        | 0.320               |
| 59  | 8272    | 12637  | 277625 | <a href="#">Ana Paula De Lima Oliveira</a>       |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Geostatistics   Environmental health   | 24      | 20          | 0.833               | 64        | 36          | 0.563               | 4341     | 2939        | 0.677               |



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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2097       | 8273    | 12639  | 277636 | <a href="#">Lúcia Helena Sasseron</a>                   |    | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Física</a><br>Ensino de Ciências   Ensino de Física   Alfabetização Científica   Argumentação  | 24      | 23          | 0.958               | 37        | 33          | 0.892               | 4331     | 3075        | 0.710               |
| 351        | 8274    | 12640  | 277637 | <a href="#">Tiago Rodrigues De Magalhães</a>            |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Science   Information Diffusion   Social Networks   Social Media   User Behavior                           | 24      | 18          | 0.750               | 41        | 30          | 0.732               | 4328     | 1624        | 0.375               |
| 202        | 8275    | 12641  | 277667 | <a href="#">Fausto Miranda Júnior</a>                   |    | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | vascular and endovascular surgery   Doppler ultrasound   venous disease   aortic aneurysm  | 24      | 13          | 0.542               | 47        | 18          | 0.383               | 4299     | 1463        | 0.340               |
| 565        | 8276    | 12645  | 277844 | <a href="#">Luciano Galvão Coutinho</a>                 |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomia   Economia Internacional   Economia Industrial e da Tecnologia   Política de Ciência   Tecnologia e Inovação | 24      | 11          | 0.458               | 35        | 14          | 0.400               | 4140     | 718         | 0.173               |
| 162        | 8277    | 12646  | 277845 | <a href="#">Marcos AS Silva Ferraz</a>                  |    | <a href="#">Universidade de Brasília UNB</a>                     | <a href="#">ProfessorIllustrationBrasília</a><br>Scientific Illustration   Entomology   Coleoptera   | 24      | 16          | 0.667               | 69        | 36          | 0.522               | 4139     | 2895        | 0.699               |
| 324        | 8278    | 12647  | 277875 | <a href="#">Carmen Borges</a>                           |    | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Engenharia Elétrica  | 24      | 19          | 0.792               | 47        | 26          | 0.553               | 4109     | 1678        | 0.408               |
| 39         | 8279    | 12648  | 277889 | <a href="#">Sílvia Silva Da Costa Botelho</a>           |    | <a href="#">Universidade Federal do Rio Grande FURG</a>          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Robotic   Virtual Reality   Sensor Network   cyber physical systems                       | 24      | 19          | 0.792               | 78        | 52          | 0.667               | 4091     | 2322        | 0.568               |
| 6          | 8280    | 12652  | 277953 | <a href="#">Luis Claudio Lemos Correia</a>              |    | <a href="#">Escola Bahiana de Medicina e Saúde Pública</a>       | <a href="#">BahiMedicineSaúdePública</a><br>Medicina Baseada em Evidências   | 24      | 16          | 0.667               | 40        | 24          | 0.600               | 4043     | 2868        | 0.709               |
| 352        | 8281    | 12653  | 277972 | <a href="#">Mariana Santos Felisbino Mendes *</a>       |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Epidemiology   Non-communicable diseases   Womens Health   Sexual and Reproductive Health   National Surveys    | 24      | 23          | 0.958               | 39        | 37          | 0.949               | 4028     | 3755        | 0.932               |
| 2098       | 8282    | 12655  | 278056 | <a href="#">Francisco Valenzuela Díaz</a>               |  | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>clays science and technology   | 24      | 13          | 0.542               | 42        | 16          | 0.381               | 3965     | 1412        | 0.356               |
| 6          | 8283    | 12657  | 278097 | <a href="#">Yule Roberta Ferreira Nunes</a>             |  | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Botânica   Engenharia Florestal  | 24      | 20          | 0.833               | 58        | 35          | 0.603               | 3928     | 2696        | 0.686               |
| 566        | 8284    | 12658  | 278107 | <a href="#">Ilka Boin</a>                               |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">DigestivETransplanteHepáticoUnicamp</a><br>transplante de órgãos   nutrição   carcinoma hepatocelular e hipertensão portal   | 24      | 17          | 0.708               | 49        | 31          | 0.633               | 3919     | 1952        | 0.498               |
| 353        | 8285    | 12659  | 278140 | <a href="#">Mario SC Mazzoni</a>                        |  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Natural Sciences / Physics</a><br>Estrutura eletrônica   nanomateriais   física da matéria condensada  | 24      | 13          | 0.542               | 37        | 22          | 0.595               | 3896     | 970         | 0.249               |















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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 567   | 8286    | 12661  | 278204 | <a href="#">Regina Facchini</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Núcleo Gênero Pagu Campinas</a><br>Gênero   interseccionalidade   subjetivação   movimentos sociais   sofrimento social             | 24      | 20          | 0.833               | 39        | 31          | 0.795               | 3850     | 1950        | 0.506               |
| 59  | 8287    | 12662  | 278215 | <a href="#">Flavia Cavazotte</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Business &amp; Management / Strategic Management</a><br>Management   Organizational Behavior   Leadership                           | 24      | 22          | 0.917               | 40        | 33          | 0.825               | 3844     | 2631        | 0.684               |
| 33  | 8288    | 12665  | 278222 | <a href="#">José Antonio Valle Antunes Júnior</a> |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>             | <a href="#">Negócios Unisinos ValRiô</a><br>Gestão e Negócios   | 24      | 18          | 0.750               | 44        | 30          | 0.682               | 3839     | 2382        | 0.620               |
| 100   | 8289    | 12667  | 278314 | <a href="#">Cristina Quintella</a>                |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              | interdisciplinar  | 24      | 15          | 0.625               | 44        | 23          | 0.523               | 3782     | 1539        | 0.407               |
| 47  | 8290    | 12668  | 278363 | <a href="#">Luciano Volcan Agostini</a>           |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Video Coding   Digital Design   Microelectronics                             | 24      | 18          | 0.750               | 113       | 51          | 0.451               | 3750     | 1689        | 0.450               |
| 568   | 8291    | 12669  | 278376 | <a href="#">Jorge Coli</a>                        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">History, Philosophy, Theology / History</a><br>história das artes   pintura   escultura   arquitetura   música                      | 24      | 14          | 0.583               | 54        | 17          | 0.315               | 3741     | 913         | 0.244               |
| 354   | 8292    | 12672  | 278494 | <a href="#">Paulo Christiano Anchieta Garcia</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Zoologia   Herpetologia   Taxonomia   Sistemática   História Natural                   | 24      | 17          | 0.708               | 65        | 37          | 0.569               | 3680     | 1554        | 0.422               |
| 60  | 8293    | 12675  | 278564 | <a href="#">Roberto Ierusalimschy</a>             |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>programming languages  | 24      | 14          | 0.583               | 54        | 21          | 0.389               | 3637     | 774         | 0.213               |
| 9   | 8294    | 12676  | 278566 | <a href="#">Julio Cesar Jose Da Silva</a>         |  Brazil | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Análise de traços e química ambiental   preparo de amostras   métodos óticos de análise | 24      | 14          | 0.583               | 49        | 26          | 0.531               | 3635     | 1212        | 0.333               |
| 15  | 8295    | 12677  | 278575 | <a href="#">T Yoneyama</a>                        |  Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                   | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>optimal   intelligent   stochastic   control   prognosis                | 24      | 15          | 0.625               | 68        | 27          | 0.397               | 3629     | 1327        | 0.366               |
| 178   | 8296    | 12678  | 278605 | <a href="#">Joana Maria Pedro</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">History, Philosophy, Theology / History</a><br>history   gender   feminism  | 24      | 19          | 0.792               | 42        | 32          | 0.762               | 3615     | 1636        | 0.453               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 569   | 8297    | 12679  | 278633 | <a href="#">Marciane Milanski</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   | 24      | 19          | 0.792               | 44        | 37          | 0.841               | 3605     | 1690        | 0.469               |
| 2099  | 8298    | 12680  | 278690 | <a href="#">Solange Oliveira Rezende</a>                                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Inteligência Artificial   Mineração de Dados e Textos   Mineração de Opinião e Análise de Sentimentos   Enriquecimento de Ser        | 24      | 16          | 0.667               | 67        | 26          | 0.388               | 3574     | 1303        | 0.365               |
| 163   | 8299    | 12681  | 278709 | <a href="#">Elisabetta Recine</a>  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Social Sciences / Political Science</a><br>políticas públicas de alimentação e nutrição   | 24      | 18          | 0.750               | 46        | 30          | 0.652               | 3565     | 1413        | 0.396               |
| 1   | 8300    | 12682  | 278760 | <a href="#">Giselle Toledo Fernandes Rezende</a>                             |  Brazil   | <a href="#">Universidade José do Rosário Vellano Alfnas</a>                | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Imagem corporal   Estética   Psicologia organizacional.  | 24      | 21          | 0.875               | 37        | 30          | 0.811               | 3543     | 2643        | 0.746               |
| 2100  | 8301    | 12687  | 278857 | <a href="#">Laerte Idal Sznelwar</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>ergonomia   psicodinâmica do trabalho   saúde do trabalhador   projeto do trabalho   trabalho e sustent    | 24      | 17          | 0.708               | 56        | 26          | 0.464               | 3501     | 1659        | 0.474               |
| 203   | 8302    | 12689  | 278881 | <a href="#">Marina Oliveira De Souza Dias</a>                                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">ICT/UNIFESP</a><br>Sugarcane   Ethanol   Process simulation   Biorefineries   Sustainability  | 24      | 21          | 0.875               | 39        | 29          | 0.744               | 3491     | 1764        | 0.505               |
| 2101  | 8303    | 12691  | 278902 | <a href="#">Valdes Bollela</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Infectious Diseases (Tuberculosis   Mycobacterias and AIDS)   Medical Education and Health Professions Education (Curriculum and A | 24      | 21          | 0.875               | 59        | 50          | 0.847               | 3480     | 2743        | 0.788               |
| 180   | 8304    | 12692  | 278913 | <a href="#">Douglas De Britto</a>  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador em nanotecnologia, Embrapa Semiárido</a><br>Polissacarídeos   Nanopartículas   Filmes comestíveis   Produtos Naturais   | 24      | 18          | 0.750               | 38        | 27          | 0.711               | 3475     | 1848        | 0.532               |
| 533   | 8305    | 12693  | 278924 | <a href="#">Devaney Ribeiro Do Carmo</a>                                     |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Materiais Nanoestruturados-Eletrodos Quimicamente Modificados- Sensores-Eletrocatalise- Biomateriais  | 24      | 15          | 0.625               | 64        | 30          | 0.469               | 3469     | 1133        | 0.327               |
| 325   | 8306    | 12695  | 278935 | <a href="#">Mariana Monteiro</a>   |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food science   nutrition   metabolism  | 24      | 24          | 1.000               | 32        | 31          | 0.969               | 3466     | 2145        | 0.619               |
| 2102  | 8307    | 12696  | 278938 | <a href="#">Luiz Gonzaga Godoi Trigo</a>                                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Social Sciences / Tourism &amp; Hospitality</a><br>tourism   education   entertainment   leisure   philosophy   | 24      | 16          | 0.667               | 36        | 22          | 0.611               | 3464     | 813         | 0.235               |
| 61  | 8308    | 12699  | 278973 | <a href="#">Juliane Callegaro Borsa</a><br><a href="#">Juliane Callegaro</a> |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica   Avaliação Psicológica   Carreira   Maternidade   Gênero  | 24      | 21          | 0.875               | 55        | 41          | 0.745               | 3447     | 2308        | 0.670               |

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| University  | Country | Region | World  | Name                                      | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 29  | 8309    | 12700  | 279005 | <a href="#">Juracy Parente</a>            |  <a href="#">Brazil</a>   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">FGV-EAESP</a><br>Retailing   low income markets   consumer behavior   retail strategy   store location - Brazil   | 24      | 14          | 0.583               | 34        | 19          | 0.559               | 3435     | 1283        | 0.374               |
| 355   | 8310    | 12701  | 279008 | <a href="#">Raoni Rajão</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Environmental Policy Analysis   Social Studies of Science and Technology | 24      | 22          | 0.917               | 47        | 46          | 0.979               | 3433     | 2684        | 0.782               |
| 204   | 8311    | 12709  | 279219 | <a href="#">Cristiano Mendes-Da-Silva</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Universidade Federal de São Paulo (Unifesp/Campus Baixada Santista)</a>   | 24      | 18          | 0.750               | 52        | 23          | 0.442               | 3349     | 1844        | 0.551               |
| 2103  | 8312    | 12710  | 279223 | <a href="#">Ricardo Demarco</a>           |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular biology  | 24      | 14          | 0.583               | 46        | 25          | 0.543               | 3348     | 927         | 0.277               |
| 2104  | 8313    | 12712  | 279262 | <a href="#">Robson Francisco De Souza</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">BioinformaticsTeacher</a><br>Bioinformatics   Evolutionary Theory   Biology   Sequence Analysis   | 24      | 19          | 0.792               | 30        | 27          | 0.900               | 3329     | 1296        | 0.389               |
| 193   | 8314    | 12713  | 279281 | <a href="#">Marcos Nascimento</a>         |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Instituto Fernandes Figueira/Fiocruz</a><br>Gênero   Masculinidade   Paternidade   Violência  | 24      | 21          | 0.875               | 42        | 34          | 0.810               | 3322     | 2066        | 0.622               |
| 179   | 8315    | 12714  | 279307 | <a href="#">Luis Otavio Alvares</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>moving object data analysis   data mining  | 24      | 16          | 0.667               | 47        | 21          | 0.447               | 3309     | 1305        | 0.394               |
| 570   | 8316    | 12715  | 279315 | <a href="#">Ana Rita Morales</a>          |  <a href="#">Brazil</a>  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materiais   | 24      | 20          | 0.833               | 42        | 28          | 0.667               | 3304     | 1654        | 0.501               |
| 180   | 8317    | 12716  | 279320 | <a href="#">Neri Dos Santos</a>           |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">KnowledgeEngineeringandManagement</a><br>Knowledge Management   Competitive Intelligence   Innovation Management   Cognitive Ergonomics                   | 24      | 17          | 0.708               | 70        | 37          | 0.529               | 3302     | 1407        | 0.426               |
| 87  | 8318    | 12717  | 279343 | <a href="#">Daniel Felinto</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Natural Sciences / Physics</a><br>optics   atomic physics   quantum information   | 24      | 15          | 0.625               | 36        | 22          | 0.611               | 3294     | 878         | 0.267               |
| 2105  | 8319    | 12718  | 279349 | <a href="#">Luiz Ricardo L Simone</a>     |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Malacology   Systematics   Phylogeny   Zoology   | 24      | 15          | 0.625               | 88        | 36          | 0.409               | 3292     | 1394        | 0.423               |
| 2106  | 8320    | 12719  | 279382 | <a href="#">Linda Lee Ho</a>              |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSÃo Paulo</a><br>controle de qualidade   gráficos de controle  | 24      | 20          | 0.833               | 57        | 33          | 0.579               | 3280     | 1666        | 0.508               |
| 2107  | 8321    | 12720  | 279391 | <a href="#">Vagner Goncalves Da Silva</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Social Sciences / Anthropology</a><br>cultura afro-brasileira   | 24      | 15          | 0.625               | 40        | 25          | 0.625               | 3277     | 1188        | 0.363               |

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| University | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 101        | 8322    | 12721  | 279438 | <a href="#">Pedro Afonso Pereira</a>                    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                              | <a href="#">Natural Sciences / Chemical Sciences</a>   | 24      | 14          | 0.583               | 35        | 18          | 0.514               | 3257     | 775         | 0.238               |
| 56         | 8323    | 12723  | 279579 | <a href="#">Luciano Fogaça De Assis Montag</a>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pará UFPA</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   riachos   peixes   | 24      | 21          | 0.875               | 57        | 45          | 0.789               | 3207     | 2071        | 0.646               |
| 571        | 8324    | 12724  | 279602 | <a href="#">Paulo Roberto Mei</a>                       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia mecânica   engenharia de materiais   | 24      | 18          | 0.750               | 48        | 31          | 0.646               | 3200     | 1204        | 0.376               |
| 326        | 8325    | 12725  | 279625 | <a href="#">Adrián Rodríguez</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Planetary dynamics   exoplanets   tides   | 24      | 15          | 0.625               | 65        | 33          | 0.508               | 3193     | 1352        | 0.423               |
| 2108       | 8326    | 12728  | 279698 | <a href="#">Renato Pereira De Souza</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Biological Science</a><br>Ecology and Biogeography of vectors and reservoirs of Zoonotic diseases   Evolutionary Biology  | 24      | 17          | 0.708               | 36        | 29          | 0.806               | 3167     | 1769        | 0.559               |
| 2109       | 8327    | 12729  | 279699 | <a href="#">Gleice Margarete De Souza Conceição</a>     | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">SaúPúblic</a>  | 24      | 14          | 0.583               | 28        | 21          | 0.750               | 3167     | 550         | 0.174               |
| 572        | 8328    | 12730  | 279715 | <a href="#">Gabriela Castellano</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   | 24      | 20          | 0.833               | 37        | 30          | 0.811               | 3162     | 1641        | 0.519               |
| 2110       | 8329    | 12733  | 279762 | <a href="#">Olgária Chain Féres Matos</a>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Teoria das Ciências Humanas   História da Filosofia  | 24      | 12          | 0.500               | 45        | 15          | 0.333               | 3147     | 698         | 0.222               |
| 356        | 8330    | 12735  | 279838 | <a href="#">Ricardo Wagner Nunes</a>                    | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria Condensada   | 24      | 14          | 0.583               | 38        | 17          | 0.447               | 3129     | 695         | 0.222               |
| 88         | 8331    | 12736  | 279852 | <a href="#">Sergio Soares</a>                           | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Engenharia de Software   Software Engineering   Experimental Software Engineering   Empirical Software Engineering   Innovation | 24      | 13          | 0.542               | 60        | 21          | 0.350               | 3125     | 660         | 0.211               |
| 62         | 8332    | 12738  | 279879 | <a href="#">Alicia Bonamino</a>                         | <br><a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Education / Education</a><br>Public Policy   Educational Inequalities  | 24      | 15          | 0.625               | 42        | 23          | 0.548               | 3119     | 1306        | 0.419               |
| 40         | 8333    | 12739  | 279902 | <a href="#">Sergio Amadeu Da Silveira</a>               | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do ABC UFABC</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Comunicação   Tecnologia da Informação   Política   Ciberultura   Ciências Sociais  | 24      | 16          | 0.667               | 49        | 27          | 0.551               | 3113     | 1097        | 0.352               |
| 573        | 8334    | 12740  | 279905 | <a href="#">Vitor Rafael Coluci</a>                     | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>nanotecnologia   nanomateriais   simulação computacional   | 24      | 16          | 0.667               | 35        | 22          | 0.629               | 3113     | 798         | 0.256               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 194   | 8335    | 12741  | 279923 | <a href="#">Daniel Am Villela</a>               |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Mathematics</a><br>Mathematical Epidemiology   Theoretical Ecology   | 24      | 19          | 0.792               | 42        | 34          | 0.810               | 3106     | 1998        | 0.643               |
| 574   | 8336    | 12745  | 280034 | <a href="#">Helena Altmann</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Education / Education</a><br>educação física   educação   gênero   sexualidade  | 24      | 18          | 0.750               | 39        | 31          | 0.795               | 3072     | 1368        | 0.445               |
| 8   | 8337    | 12746  | 280044 | <a href="#">Angela F Jozala</a>                 |  Brazil   | <a href="#">Universidade de Sorocaba</a>                               | <a href="#">Áreas de Conhecimento: Microbiologia Industrial Biotecnologia Farmacêutica Biopolímeros Ensaio Biológicos </a><br>Áreas de Conhecimento: Microbiologia Industrial   Biotecnologia Farmacêutica   Biopolímeros   Ensaio Biológicos | 24      | 21          | 0.875               | 44        | 40          | 0.909               | 3069     | 2127        | 0.693               |
| 6   | 8338    | 12749  | 280119 | <a href="#">Leandro Galon</a>                   |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>             | Matologia   Manejo e Tratos Culturais   Manejo Integrado de Plantas Daninhas  | 24      | 17          | 0.708               | 101       | 51          | 0.505               | 3048     | 1597        | 0.524               |
| 89  | 8339    | 12752  | 280165 | <a href="#">Luiz Felipe Cavalcanti Pereira</a>  |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Physics</a><br>Physics   Materials   Nanotechnology  | 24      | 22          | 0.917               | 32        | 32          | 1.000               | 3037     | 2137        | 0.704               |
| 2111  | 8340    | 12754  | 280240 | <a href="#">Maria Cláudia Nogueira Zerbini</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">FacudMedicinP</a><br>Medicine   Cancer biology   Pathology   Immunohistochemistry   Histopathology  | 24      | 18          | 0.750               | 54        | 38          | 0.704               | 3016     | 1208        | 0.401               |
| 181   | 8341    | 12757  | 280273 | <a href="#">Sergio Delmar Dos Anjos E Silva</a> |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   biotecnologia   energia renováveis  | 24      | 16          | 0.667               | 59        | 32          | 0.542               | 3005     | 1006        | 0.335               |
| 575   | 8342    | 12758  | 280315 | <a href="#">Ronaldo Almeida</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Social Sciences / Anthropology</a><br>Antropologia   Ciências Sociais   Religião   Evangélicos   Pentecostalismo  | 24      | 18          | 0.750               | 38        | 28          | 0.737               | 2996     | 1609        | 0.537               |
| 30  | 8343    | 12759  | 280354 | <a href="#">Ronaldo Hueb Baroni</a>             |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Hospital Israelita Albert Einstein - Brazil</a><br>MRI   uro radiology   prostate imaging   abdominal imaging   | 24      | 21          | 0.875               | 54        | 43          | 0.796               | 2983     | 1499        | 0.503               |
| 104   | 8344    | 12761  | 280367 | <a href="#">Ester Limonad</a>                   |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Natural Sciences / Geography</a><br>geografia urbana e da urbanização   geografia humana e econômica   planejamento territorial   human geography   territorial plann   | 24      | 15          | 0.625               | 46        | 21          | 0.457               | 2979     | 1128        | 0.379               |
| 534   | 8345    | 12762  | 280385 | <a href="#">Roberto Jorge Silva Franco</a>      |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nephrology</a><br>Nefrologia  | 24      | 13          | 0.542               | 41        | 18          | 0.439               | 2976     | 1823        | 0.613               |
| 195   | 8346    | 12764  | 280452 | <a href="#">Gabriel Da Luz Wallau</a>           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">FIOCRUZ - Aggeu Magalhães Institute (IAM)</a><br>Evolutionary Biology   Genome Evolution   Transposable Elements   Bioinformatics   Comparative Genomics  | 24      | 24          | 1.000               | 53        | 46          | 0.868               | 2960     | 2664        | 0.900               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 63  | 8347    | 12765  | 280453 | <a href="#">Waldemar Celes</a>                  |  Brazil   | Pontificia Universidade Católica do Rio de Janeiro PUC-RIO | <a href="#">Computação gráfica modelagem simulação numérica</a><br>Computação gráfica   modelagem   simulação numérica   | 24      | 15          | 0.625               | 44        | 19          | 0.432               | 2960     | 788         | 0.266               |
| 8   | 8348    | 12766  | 280471 | <a href="#">Sonia Marli Zingaretti</a>          |  Brazil   | Universidade de Ribeirão Preto UNAERP                      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biologia molecular de plantas   melhoramento de plantas   expressão genica                             | 24      | 18          | 0.750               | 35        | 26          | 0.743               | 2957     | 988         | 0.334               |
| 2112  | 8349    | 12767  | 280496 | <a href="#">Luis Lamberti P Dasilva</a>         |  Brazil   | Universidade de São Paulo USP                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology   Virus-cell interaction   Intracellular Protein Trafficking                     | 24      | 20          | 0.833               | 28        | 26          | 0.929               | 2952     | 1542        | 0.522               |
| 327   | 8350    | 12768  | 280500 | <a href="#">Eliane D Elia</a>                   |  Brazil   | Universidade Federal do Rio de Janeiro                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletroquímica   corrosão   biossensores   etc.   | 24      | 19          | 0.792               | 54        | 40          | 0.741               | 2950     | 1553        | 0.526               |
| 318   | 8351    | 12770  | 280531 | <a href="#">Hugo Marcelo Veit</a>               |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS            | UFRGS  | 24      | 19          | 0.792               | 37        | 30          | 0.811               | 2945     | 1689        | 0.574               |
| 2113  | 8352    | 12771  | 280538 | <a href="#">Cesar Higa Nomura</a>               |  Brazil   | Universidade de São Paulo USP                              | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiologia Cardiaca   | 24      | 21          | 0.875               | 43        | 37          | 0.860               | 2944     | 1539        | 0.523               |
| 576   | 8353    | 12772  | 280584 | <a href="#">Marcelo Bispo De Jesus</a>          |  Brazil   | Universidade Estadual de Campinas UNICAMP                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>gene delivery   internalization and intracellular trafficking of nanoparticles   nanotoxicity | 24      | 20          | 0.833               | 48        | 39          | 0.813               | 2935     | 2392        | 0.815               |
| 5   | 8354    | 12773  | 280594 | <a href="#">M Campos</a>                        |  Brazil   | Universidade Paulista UNIP                                 | UNIP<br>conducting polymers  | 24      | 14          | 0.583               | 55        | 17          | 0.309               | 2933     | 923         | 0.315               |
| 18  | 8355    | 12776  | 280664 | <a href="#">Alexandre Monteiro De Carvalho</a>  |  Brazil | Universidade Federal do Rio de Janeiro UFRJ                | <a href="#">Engineering &amp; Technology / Engineering</a><br>Madeiras   Tecnologia da madeira   Sustentabilidade florestal  | 24      | 19          | 0.792               | 91        | 37          | 0.407               | 2916     | 1421        | 0.487               |
| 90  | 8356    | 12777  | 280670 | <a href="#">Leonardo Carneiro Da Cunha</a>      |  Brazil | Universidade Federal de Pernambuco                         | UniversidPernambuco<br>direito processual civil   normas fundamentais   litigância de massa   Fazenda Pública em juízo   | 24      | 20          | 0.833               | 45        | 28          | 0.622               | 2915     | 1456        | 0.499               |
| 14  | 8357    | 12779  | 280701 | <a href="#">Nério Amboni</a>                    |  Brazil | Universidade do Estado de Santa Catarina UDESC             | <a href="#">Business &amp; Management / Business Administration</a><br>administração   ensino   aprendizagem organizacional   estratégia   teorias da administração  | 24      | 13          | 0.542               | 51        | 17          | 0.333               | 2908     | 710         | 0.244               |
| 2114  | 8358    | 12780  | 280702 | <a href="#">José Marcelino De Rezende Pinto</a> |  Brazil | Universidade de São Paulo USP                              | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Financiamento da Educação   | 24      | 19          | 0.792               | 40        | 27          | 0.675               | 2908     | 1264        | 0.435               |
| 107   | 8359    | 12781  | 280717 | <a href="#">Lauro Vargas</a>                    |  Brazil | Universidade Estadual de Maringá                           | <a href="#">Medical and Health Sciences / Parasitology</a><br>Piscicultura   homeopatia populacional.  | 24      | 13          | 0.542               | 69        | 22          | 0.319               | 2905     | 1390        | 0.478               |






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| 102   | 8360    | 12785  | 280879 | <a href="#">Guilherme Lessa</a>                   |  Brazil   | <a href="#">Universidade Federal da Bahia</a>               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>sedimentology   estuaries   tides   sea level   coastal processes                                      | 24      | 17          | 0.708               | 38        | 28          | 0.737               | 2873     | 1107        | 0.385               |
| 2115  | 8361    | 12788  | 280923 | <a href="#">Ricardo Mo Galvao</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>Plasma Physics   Fusion   Astrophysics   FELs   | 24      | 9           | 0.375               | 79        | 9           | 0.114               | 2863     | 756         | 0.264               |
| 20  | 8362    | 12792  | 281032 | <a href="#">Josie Resende Torres Da Silva</a>     |  Brazil   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>   | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Dor   Fisioterapia   Neurologia   Farmacologia   | 24      | 15          | 0.625               | 77        | 32          | 0.416               | 2841     | 1067        | 0.376               |
| 57  | 8363    | 12793  | 281054 | <a href="#">Rodrigo MS De Oliveira</a>            |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>           | <a href="#">Natural Sciences / Mathematics</a><br>numerical methods on electromagnetics   electromagnetic compatibility   grounding systems   nanotechnology            | 24      | 20          | 0.833               | 62        | 37          | 0.597               | 2836     | 1449        | 0.511               |
| 577   | 8364    | 12794  | 281098 | <a href="#">Marcio Alberto Torsoni</a>            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | UNICAMP   | 24      | 16          | 0.667               | 47        | 31          | 0.660               | 2827     | 1051        | 0.372               |
| 205   | 8365    | 12795  | 281130 | <a href="#">Oswaldo U Lopes</a>                   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">FISIOLOGIA</a><br>fisiologia da circulação  | 24      | 10          | 0.417               | 38        | 10          | 0.263               | 2819     | 308         | 0.109               |
| 130   | 8366    | 12796  | 281136 | <a href="#">Luciano Silva</a>                     |  Brazil   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision   Biometrics   Digital Art Preservation  | 24      | 14          | 0.583               | 56        | 23          | 0.411               | 2818     | 890         | 0.316               |
| 196   | 8367    | 12797  | 281165 | <a href="#">Felipe Ferraz Figueiredo Moreira</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                       | <a href="#">Tecnologista em Saúde Pública, Fundação Oswaldo Cruz, Laboratório de Biodiversidade ...</a><br>Taxonomia   Sistemática   Entomologia   Filogenia   Evolução | 24      | 17          | 0.708               | 64        | 45          | 0.703               | 2811     | 2166        | 0.771               |
| 2116  | 8368    | 12799  | 281168 | <a href="#">Sérgio Frascino Muller De Almeida</a> |  Brazil  | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSão Paulo</a><br>Compositos poliméricos  | 24      | 15          | 0.625               | 39        | 25          | 0.641               | 2811     | 1101        | 0.392               |
| 2117  | 8369    | 12802  | 281206 | <a href="#">Silvana Chiavegatto</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Psiquiatria   Farmacologia   Genética   | 24      | 15          | 0.625               | 33        | 20          | 0.606               | 2806     | 654         | 0.233               |
| 1   | 8370    | 12808  | 281289 | <a href="#">Valeria Da Cunha Tavares</a>          |  Brazil | <a href="#">Universidade do Estado de Minas Gerais UEMG</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversidade   Sistemática   Conservação   Ecologia   Mastozoologia  | 24      | 21          | 0.875               | 48        | 32          | 0.667               | 2790     | 1721        | 0.617               |
| 2118  | 8371    | 12809  | 281323 | <a href="#">Paulo Sumodjo</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Electrochemistry  | 24      | 11          | 0.458               | 38        | 13          | 0.342               | 2786     | 495         | 0.178               |
| 127   | 8372    | 12810  | 281369 | <a href="#">Guilherme A Barreto</a>               |  Brazil | <a href="#">Universidade Federal do Ceará</a>               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Pattern Recognition   Neural Networks   Robotics   System Identification   Time Series Prediction    | 24      | 17          | 0.708               | 56        | 25          | 0.446               | 2778     | 1198        | 0.431               |
| 2119  | 8373    | 12811  | 281397 | <a href="#">Danielle Palma De Oliveira</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Toxicologia Ambiental - Environmental Toxicology                                | 24      | 21          | 0.875               | 36        | 32          | 0.889               | 2773     | 1854        | 0.669               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 181   | 8374    | 12813  | 281424 | <a href="#">Aldo Von Wangenheim</a>            |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Interactive Digital TV   Computer Vision/Image Analysis and Processing and Health Informatics   focusing on Telemedicine   Teleradi           | 24      | 15          | 0.625               | 86        | 28          | 0.326               | 2768     | 1005        | 0.363               |
| 2120  | 8375    | 12814  | 281458 | <a href="#">Claudia Vianna</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Education / Education</a><br>Educação   gênero e diversidade sexual  | 24      | 15          | 0.625               | 38        | 21          | 0.553               | 2762     | 1256        | 0.455               |
| 2121  | 8376    | 12815  | 281466 | <a href="#">Wânia Pasinato</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Social Sciences / Sociology</a><br>Sociologia   gênero   violência contra a Mulher   | 24      | 16          | 0.667               | 47        | 28          | 0.596               | 2760     | 1376        | 0.499               |
| 328   | 8377    | 12816  | 281497 | <a href="#">Rosana BR Ferreira</a>             |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>microbiota   antimicrobial resistance   biofilm   polymicrobial infections  | 24      | 16          | 0.667               | 33        | 26          | 0.788               | 2754     | 1049        | 0.381               |
| 197   | 8378    | 12818  | 281608 | <a href="#">Cristiano Siqueira Boccolini</a>   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology   | 24      | 21          | 0.875               | 46        | 41          | 0.891               | 2733     | 1948        | 0.713               |
| 131   | 8379    | 12819  | 281612 | <a href="#">Marlio Bonfim</a>                  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                  | <a href="#">Engineering &amp; Technology / Engineering</a><br>Medidas elétricas e magnéticas   Microeletrônica   Instrumentação Científica   Medidas em altas frequências  | 24      | 11          | 0.458               | 33        | 11          | 0.333               | 2733     | 931         | 0.341               |
| 578   | 8380    | 12820  | 281629 | <a href="#">Adriana De Jesus Soares</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   trauma dental   revitalização pulpar   | 24      | 22          | 0.917               | 54        | 40          | 0.741               | 2730     | 1644        | 0.602               |
| 164   | 8381    | 12823  | 281687 | <a href="#">Reuber Brandão</a>                 |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">UniversidBrasília</a><br>Biologia da Conservação   Zoologia   Herpetologia   Unidades de Conservação   | 24      | 16          | 0.667               | 51        | 35          | 0.686               | 2721     | 1088        | 0.400               |
| 19  | 8382    | 12824  | 281690 | <a href="#">Alberto Passos Guimaraes</a>       |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Professor at CBPF</a><br>Magnetism   | 24      | 9           | 0.375               | 56        | 9           | 0.161               | 2720     | 676         | 0.249               |
| 579   | 8383    | 12825  | 281711 | <a href="#">Gilberto De Martino Jannuzzi</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | eficiência energética   energy efficiency   Energy planning   renewable energy   | 24      | 14          | 0.583               | 53        | 22          | 0.415               | 2716     | 749         | 0.276               |
| 198   | 8384    | 12827  | 281734 | <a href="#">Anna Cristina Calçada Carvalho</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">LITEB, Instituto Oswaldo Cruz, Fiocruz, Universidade Federal do Rio de Janeiro, Università ...</a><br>tuberculosisinfectious diseasesetropical diseasessexually transmitted diseases   global health | 24      | 18          | 0.750               | 42        | 27          | 0.643               | 2713     | 1559        | 0.575               |
| 580   | 8385    | 12829  | 281766 | <a href="#">Nelson H Morgon</a>                |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Quantum Chemistry   Computational Chemistry  | 24      | 15          | 0.625               | 53        | 27          | 0.509               | 2705     | 961         | 0.355               |
| 7   | 8386    | 12831  | 281769 | <a href="#">Gilson Soares Feitosa Filho</a>    |  Brazil | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>      | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia Emergência Medicina Intensiva  | 24      | 18          | 0.750               | 42        | 31          | 0.738               | 2705     | 1681        | 0.621               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8   | 8387    | 12832  | 281780 | <a href="#">Aguinaldo Silva Garcez Segundo</a> |  Brazil   | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>           | <a href="#">SÃO Leopoldo Mandic</a><br>Microbiologia   Laser   Ortodontia   | 24      | 20          | 0.833               | 34        | 30          | 0.882               | 2704     | 1330        | 0.492               |
| 20  | 8388    | 12833  | 281806 | <a href="#">Luiz Sampaio</a>                   |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Centro Brasileiro de Pesquisas Físicas</a><br>magnetism   nanomagnetism   nanofabrication   | 24      | 10          | 0.417               | 41        | 10          | 0.244               | 2700     | 629         | 0.233               |
| 357   | 8389    | 12834  | 281814 | <a href="#">Leticia F Gontijo Silveira</a>     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia   Biologia molecular   distúrbios do desenvolvimento | 24      | 18          | 0.750               | 33        | 24          | 0.727               | 2699     | 1011        | 0.375               |
| 7   | 8390    | 12836  | 281859 | <a href="#">Vânia Zanella Pinto</a>            |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFES</a>             | <a href="#">FronteirSul</a><br>Food Science   Starch   Biodegradable packaging   Electrospinning  | 24      | 23          | 0.958               | 29        | 29          | 1.000               | 2692     | 2220        | 0.825               |
| 2   | 8391    | 12837  | 281873 | <a href="#">Cardoso_JC</a>                     |  Brazil   | <a href="#">Universidade Tiradentes UNIT</a>                           | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials  | 24      | 20          | 0.833               | 47        | 43          | 0.915               | 2689     | 1795        | 0.668               |
| 358   | 8392    | 12841  | 281956 | <a href="#">Renato Antônio Celso Ferreira</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Systems   Parallel and Distributed Computing   Compilers              | 24      | 10          | 0.417               | 60        | 13          | 0.217               | 2677     | 506         | 0.189               |
| 2122  | 8393    | 12842  | 281963 | <a href="#">Jose Angelo Lauletta Lindoso</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Tropical disease   Molecular biology   Leishmaniasis   Serology            | 24      | 17          | 0.708               | 41        | 32          | 0.780               | 2676     | 1328        | 0.496               |
| 182   | 8394    | 12843  | 281965 | <a href="#">Clovis Gonzaga</a>                 |  Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Mathematics</a><br>Continuous optimizations  | 24      | 8           | 0.333               | 37        | 7           | 0.189               | 2676     | 246         | 0.092               |
| 359   | 8395    | 12844  | 281982 | <a href="#">Mauro Heleno Chagas</a>            |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Treino Esportivo   Biomecânica  | 24      | 16          | 0.667               | 46        | 30          | 0.652               | 2673     | 1121        | 0.419               |
| 535   | 8396    | 12846  | 282013 | <a href="#">Carlos Frederico Wilcken</a>       |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Forest entomology   Forest protection   Eucalyptus   Biological control               | 24      | 17          | 0.708               | 74        | 38          | 0.514               | 2668     | 1570        | 0.588               |
| 319   | 8397    | 12847  | 282014 | <a href="#">Alcindo Antônio Ferla</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Public Health   | 24      | 15          | 0.625               | 59        | 30          | 0.508               | 2668     | 1260        | 0.472               |
| 2123  | 8398    | 12848  | 282026 | <a href="#">Ana Maria Setubal Pires Vanin</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>benthic ecology   structure and function of benthic systems     | 24      | 13          | 0.542               | 62        | 21          | 0.339               | 2666     | 669         | 0.251               |




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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 182   | 8399    | 12849  | 282053 | <a href="#">Alexandre Hoffmann</a>              |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Pesquisador, Embrapa</a><br>Fruticultura   Alimentos Seguros   Inovação  | 24      | 10          | 0.417               | 41        | 10          | 0.244               | 2662     | 642         | 0.241               |
| 75  | 8400    | 12850  | 282073 | <a href="#">Jefferson Braga Silva</a>           |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">MediciPUCRS/PUCRS</a><br>Cirurgia da Mão   Cirurgia dos Nervos Periféricos   Microcirurgia   | 24      | 17          | 0.708               | 41        | 26          | 0.634               | 2660     | 1148        | 0.432               |
| 581   | 8401    | 12851  | 282079 | <a href="#">Guido Araujo</a>                    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Parallel Computing  | 24      | 12          | 0.500               | 68        | 17          | 0.250               | 2659     | 568         | 0.214               |
| 320   | 8402    | 12852  | 282094 | <a href="#">Michel J Anzanello</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Production planning   Data mining   Multivariate techniques   | 24      | 21          | 0.875               | 63        | 52          | 0.825               | 2656     | 1913        | 0.720               |
| 582   | 8403    | 12854  | 282138 | <a href="#">Pedro Paulo Martins De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">CirurgiUNICAMP</a><br>cirurgia cardíaca   biomateriais   | 24      | 17          | 0.708               | 46        | 27          | 0.587               | 2648     | 1035        | 0.391               |
| 2124  | 8404    | 12857  | 282208 | <a href="#">Lena Virgínia Soares Monteiro</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Metalogênese   Geologia isotópica   Isótopos estáveis   Geoquímica   Geologia Econômica   | 24      | 19          | 0.792               | 59        | 37          | 0.627               | 2637     | 1455        | 0.552               |
| 132   | 8405    | 12859  | 282216 | <a href="#">Mirna Martins Casagrande</a>        |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Natural Sciences / Biological Science</a><br>Lepidoptera   Entomologia   | 24      | 15          | 0.625               | 94        | 34          | 0.362               | 2636     | 1145        | 0.434               |
| 165   | 8406    | 12861  | 282258 | <a href="#">Rafael Timóteo De Sousa Júnior</a>  |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Medical and Health Sciences / Nephrology</a><br>cybersecurity   network protocols   channel modeling   distributed systems   internet of things  | 24      | 17          | 0.708               | 75        | 50          | 0.667               | 2631     | 1653        | 0.628               |
| 31  | 8407    | 12866  | 282398 | <a href="#">Jurandi Gonçalves De Oliveira</a>   |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Fisiologia Vegetal   Fisiologia Pós-colheita   Biologia Vegetal   Metabolismo Respiratório   Fisiologia de Plantas Cultivadas | 24      | 14          | 0.583               | 46        | 24          | 0.522               | 2612     | 960         | 0.368               |
| 183   | 8408    | 12867  | 282416 | <a href="#">Ivanildo Evodio</a>                 |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">PESQUISADOR EMBRAPA MILHO E SORGO</a><br>Microbiologia e bioquímica do solo  | 24      | 14          | 0.583               | 40        | 20          | 0.500               | 2610     | 900         | 0.345               |
| 146   | 8409    | 12870  | 282435 | <a href="#">Oswaldo Truzzi</a>                  |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">SÃO Carlos</a><br>Estudos migratórios   História Social das Migrações   Sociologia das Migrações   | 24      | 16          | 0.667               | 47        | 27          | 0.574               | 2607     | 966         | 0.371               |
| 329   | 8410    | 12872  | 282492 | <a href="#">Maria Bellio</a>                    |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 24      | 19          | 0.792               | 37        | 28          | 0.757               | 2599     | 1455        | 0.560               |

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| University | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 330        | 8411    | 12873  | 282501 | <a href="#">Cristiane Villela Nogueira</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatology  | 24      | 18          | 0.750               | 54        | 35          | 0.648               | 2597     | 1325        | 0.510               |
| 2125       | 8412    | 12876  | 282586 | <a href="#">Alfredo Goldman</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>HPC   Distributed Systems   Agile Methods   Technical Debt   | 24      | 15          | 0.625               | 68        | 27          | 0.397               | 2586     | 1105        | 0.427               |
| 536        | 8413    | 12877  | 282591 | <a href="#">Elisa Maria Giro</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria  | 24      | 18          | 0.750               | 43        | 26          | 0.605               | 2586     | 779         | 0.301               |
| 537        | 8414    | 12879  | 282633 | <a href="#">Ricardo De Oliveira Orsi</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção Animal   Apicultura   Sericicultura   Imunologia aplicada à Zootecnia   Biologia Geral              | 24      | 19          | 0.792               | 54        | 37          | 0.685               | 2581     | 1205        | 0.467               |
| 6          | 8415    | 12880  | 282636 | <a href="#">Nelson Hein</a>  |  Brazil   | <a href="#">Universidade Regional de Blumenau FURB</a>                     | <a href="#">Regional Blumenau</a><br>Análise Multivariada e Multicritério   | 24      | 15          | 0.625               | 70        | 39          | 0.557               | 2580     | 1340        | 0.519               |
| 360        | 8416    | 12881  | 282637 | <a href="#">Junia Ferreira Furtado</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">History, Philosophy, Theology / History</a><br>História Moderna   História do Brasil Colônia   História da Cartografia   História das Ciências   História da Medicina | 24      | 16          | 0.667               | 48        | 19          | 0.396               | 2580     | 901         | 0.349               |
| 15         | 8417    | 12884  | 282651 | <a href="#">Thiago Izzo</a>  |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   formigas   interação inseto-planta   evolução   comunidades biológicas  | 24      | 18          | 0.750               | 45        | 32          | 0.711               | 2578     | 1353        | 0.525               |
| 105        | 8418    | 12887  | 282692 | <a href="#">Afonso De Albuquerque Afonso Albuquerque</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Social Sciences / Political Science</a><br>Political Communication   Journalism   Television   International Communication  | 24      | 17          | 0.708               | 61        | 37          | 0.607               | 2572     | 1236        | 0.481               |
| 21         | 8419    | 12889  | 282758 | <a href="#">Fábio De Souza Terra</a>   |  Brazil   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>                  | <a href="#">UniversidAlfenas(UNIFAL&amp;acirc;!)</a><br>Saúde Mental   Saúde do Trabalhador   Saúde Ambiental   Saúde Pública   | 24      | 19          | 0.792               | 75        | 53          | 0.707               | 2564     | 1606        | 0.626               |
| 91         | 8420    | 12891  | 282782 | <a href="#">Sergio De Mello Arruda S DE MELLO ARRUDA, SERGIO DE MELLO ARRUDA, de MELLO ARRUDA, S</a> |  Brazil | <a href="#">Universidade Estadual de Londrina</a>                          | ensino de ciências   ensino de física   educação   formação de professores   aprendizagem   | 24      | 17          | 0.708               | 60        | 30          | 0.500               | 2561     | 1185        | 0.463               |
| 64         | 8421    | 12892  | 282783 | <a href="#">Hélio Côrtes Vieira Lopes</a>  |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Machine Learning   Visualization   Computer Graphics   Modeling                                 | 24      | 13          | 0.542               | 53        | 22          | 0.415               | 2561     | 974         | 0.380               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 128        | 8422    | 12896  | 282850 | <a href="#">Maria Izabel Gallão</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   Biotecnologia   Morfologia vegetal   | 24      | 20          | 0.833               | 34        | 28          | 0.824               | 2552     | 1344        | 0.527               |
| 2126       | 8423    | 12897  | 282856 | <a href="#">Luis Mochizuki</a>                          |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Análise de movimento   Coordenação motora   Biomecânica   Controle Motor   Postura   | 24      | 19          | 0.792               | 41        | 26          | 0.634               | 2551     | 1076        | 0.422               |
| 27         | 8424    | 12898  | 282878 | <a href="#">Nazareno Andrade</a>                        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Campina Grande</a>          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data science   Social computing   computing and music   | 24      | 14          | 0.583               | 45        | 20          | 0.444               | 2548     | 516         | 0.203               |
| 2          | 8425    | 12899  | 282885 | <a href="#">Celson Pantoja Lima</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Oeste do Para</a>           | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Innovation in Education   Innovation Ecosystems   Knowledge Management   Energy Efficiency   Software Project Management | 24      | 13          | 0.542               | 48        | 17          | 0.354               | 2547     | 583         | 0.229               |
| 41         | 8426    | 12901  | 282910 | <a href="#">Vilson Tonin Zanchin</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">Natural Sciences / Physics</a><br>Physics   General Relativity and Gravitation   | 24      | 15          | 0.625               | 40        | 23          | 0.575               | 2544     | 1249        | 0.491               |
| 199        | 8427    | 12904  | 282950 | <a href="#">Fernando Ferreira Carneiro</a>              |  <a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Fundação Oswaldo Cruz - Ceará</a><br>Saúde e Ambiente   Saúde das populações do Campo   Floresta e das Águas   Ecologia de Saberes   | 24      | 18          | 0.750               | 44        | 31          | 0.705               | 2538     | 1615        | 0.636               |
| 206        | 8428    | 12905  | 282978 | <a href="#">Monica Vieira</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | Microbiologia  | 24      | 13          | 0.542               | 40        | 17          | 0.425               | 2535     | 646         | 0.255               |
| 21         | 8429    | 12907  | 282995 | <a href="#">Darci Motta</a>                             |  <a href="#">Brazil</a>   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Pesquisadora Titular do CBPF/MCTI</a><br>magnetismo em insetos sociais   comportamento em campo geomagnetico   | 24      | 11          | 0.458               | 45        | 17          | 0.378               | 2532     | 493         | 0.195               |
| 207        | 8430    | 12908  | 283028 | <a href="#">Walton Nosé</a>                             |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>catarata   refrativa   | 24      | 14          | 0.583               | 35        | 20          | 0.571               | 2528     | 683         | 0.270               |
| 14         | 8431    | 12909  | 283030 | <a href="#">Renata Guaré</a>                            |  <a href="#">Brazil</a> | <a href="#">Universidade Cruzeiro do Sul</a>                    | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatric Dentistry   | 24      | 18          | 0.750               | 51        | 36          | 0.706               | 2527     | 1120        | 0.443               |
| 7          | 8432    | 12910  | 283032 | <a href="#">Marcio Fronza</a>                           |  <a href="#">Brazil</a> | <a href="#">Universidade Vila Velha UVV</a>                     | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacy & Pharmaceutical Sciences   | 24      | 22          | 0.917               | 42        | 31          | 0.738               | 2527     | 1751        | 0.693               |
| 2127       | 8433    | 12911  | 283040 | <a href="#">Yoshiko Wakabayashi</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>combinatorial optimization   graph theory   algorithms   polyhedral combinatorics   packing problems                  | 24      | 14          | 0.583               | 53        | 19          | 0.358               | 2526     | 779         | 0.308               |
| 583        | 8434    | 12912  | 283041 | <a href="#">Cristiana S Seixas</a>                      |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | gestão de recursos naturais   conservação e desenvolvimento integrados   resiliência de sistemas sócio-ecológicos   'commons'  | 24      | 21          | 0.875               | 50        | 32          | 0.640               | 2526     | 1133        | 0.449               |
| 321        | 8435    | 12915  | 283084 | <a href="#">João André Jarenkow</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de Comunidades   Biodiversidade   Conservação   Ecologia Florestal   Fitossociologia                                   | 24      | 16          | 0.667               | 36        | 25          | 0.694               | 2522     | 900         | 0.357               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 60  | 8436    | 12916  | 283093 | <a href="#">Marcio Bacci Da Silva</a>       |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Uberlandia</a><br>Machining   micromachining  | 24      | 20          | 0.833               | 40        | 33          | 0.825               | 2521     | 1299        | 0.515               |
| 24  | 8437    | 12920  | 283241 | <a href="#">Anita Kon</a>                   |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>   | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   Trabalho   | 24      | 14          | 0.583               | 48        | 16          | 0.333               | 2503     | 627         | 0.250               |
| 2128  | 8438    | 12921  | 283276 | <a href="#">Carlos Ribeiro Vilela</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Drosophilidae taxonomy and Systematics               | 24      | 10          | 0.417               | 55        | 16          | 0.291               | 2499     | 608         | 0.243               |
| 72  | 8439    | 12924  | 283435 | <a href="#">Myrian S Santos</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Social Sciences / Sociology</a><br>memória coletiva   | 24      | 13          | 0.542               | 45        | 20          | 0.444               | 2480     | 820         | 0.331               |
| 129   | 8440    | 12925  | 283436 | <a href="#">Rivelino Cavalcante</a>         |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | Ambiental   | 24      | 17          | 0.708               | 43        | 32          | 0.744               | 2480     | 1442        | 0.581               |
| 61  | 8441    | 12926  | 283478 | <a href="#">Samuel Lima</a>                 |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Geography</a><br>Geografia da Saúde   Geografia Médica   Saúde Ambiental                     | 24      | 12          | 0.500               | 52        | 17          | 0.327               | 2474     | 740         | 0.299               |
| 538   | 8442    | 12928  | 283521 | <a href="#">Otto Mack Junqueira</a>         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição e Alimentação de Não-Ruminantes               | 24      | 11          | 0.458               | 86        | 16          | 0.186               | 2468     | 666         | 0.270               |
| 331   | 8443    | 12930  | 283552 | <a href="#">Nelson Fernandes</a>            |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Geography</a><br>Geomorfologia   Pedologia   Hidrologia   Modelagem                          | 24      | 16          | 0.667               | 41        | 24          | 0.585               | 2466     | 928         | 0.376               |
| 332   | 8444    | 12933  | 283607 | <a href="#">Lia Osorio Machado</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Geography</a><br>Amazônia   Geografia Política   Drogas ilícitas   Sistema financeiro        | 24      | 14          | 0.583               | 42        | 19          | 0.452               | 2460     | 716         | 0.291               |
| 1   | 8445    | 12934  | 283610 | <a href="#">José Miguel Garcia Medina</a>   |  Brazil | <a href="#">Universidade Paranaense UNIPAR</a>                         | <a href="#">Law / Law and Legal Studies</a><br>Principles   Constitucional Law   Procedural Law                             | 24      | 14          | 0.583               | 35        | 19          | 0.543               | 2460     | 793         | 0.322               |
| 28  | 8446    | 12935  | 283626 | <a href="#">Ivan Moreira</a>                |  Brazil | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">TecnológicoUTFPR</a><br>Suínos   Nutrição de Não Ruminantes   Exigências Nutricionais   Avaliação de Alimentos. | 24      | 10          | 0.417               | 76        | 11          | 0.145               | 2458     | 757         | 0.308               |
| 2129  | 8447    | 12936  | 283699 | <a href="#">Regina Celia Mingroni Netto</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a>   | 24      | 16          | 0.667               | 55        | 28          | 0.509               | 2450     | 771         | 0.315               |
| 584   | 8448    | 12937  | 283713 | <a href="#">Cassiana Montagner</a>          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Ambiental   | 24      | 22          | 0.917               | 42        | 40          | 0.952               | 2449     | 1905        | 0.778               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 183   | 8449    | 12938  | 283716 | <a href="#">Moro ARP</a>                         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">Education / Education</a><br>Biomecânica   ergonomia  | 24      | 18          | 0.750               | 78        | 44          | 0.564               | 2448     | 1304        | 0.533               |
| 2130  | 8450    | 12939  | 283719 | <a href="#">Eduardo Siegle</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSÃO Paulo</a><br>Dinâmica costeira   | 24      | 20          | 0.833               | 60        | 48          | 0.800               | 2448     | 1639        | 0.670               |
| 88  | 8451    | 12940  | 283726 | <a href="#">Manfredo Horner</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese e Estrutura de Complexos de coordenação                                   | 24      | 14          | 0.583               | 74        | 24          | 0.324               | 2447     | 637         | 0.260               |
| 2131  | 8452    | 12941  | 283728 | <a href="#">Marcelo Biscegli Jatene</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medicina da UniversidSÃO Paulo</a><br>cirurgia cardíaca   cardiopatias congênitas   transplante cardíaco pediátrico   criança | 24      | 15          | 0.625               | 61        | 24          | 0.393               | 2447     | 874         | 0.357               |
| 92  | 8453    | 12942  | 283733 | <a href="#">Ana Lúcia Dias</a>                   |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>  |   | 24      | 11          | 0.458               | 85        | 12          | 0.141               | 2446     | 752         | 0.307               |
| 25  | 8454    | 12943  | 283748 | <a href="#">José Eduardo Martinez</a>            |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>                             | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Pain   Fibromyalgia   Osteoarthritis  | 24      | 14          | 0.583               | 43        | 20          | 0.465               | 2445     | 946         | 0.387               |
| 2132  | 8455    | 12944  | 283750 | <a href="#">Carla Claser</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Immunology</a><br>immunology   parasitology   | 24      | 20          | 0.833               | 33        | 25          | 0.758               | 2445     | 1155        | 0.472               |
| 184   | 8456    | 12947  | 283844 | <a href="#">Angela Maria Alvarez</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      |   | 24      | 18          | 0.750               | 64        | 42          | 0.656               | 2434     | 1123        | 0.461               |
| 34  | 8457    | 12948  | 283857 | <a href="#">Maria Virginia Petry</a>             |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>                                   | <a href="#">Natural Sciences / Biological Science</a><br>seabirds   Ornithology   trophic ecology   conservation   taxonomia              | 24      | 18          | 0.750               | 65        | 43          | 0.662               | 2433     | 1344        | 0.552               |
| 73  | 8458    | 12950  | 283882 | <a href="#">Eliane Mary De Oliveira Falcone</a>  |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                                    | <a href="#">Social Sciences / Psychology</a><br>Psychology   Clinical Psychology   Cognitive Therapy                                      | 24      | 15          | 0.625               | 40        | 22          | 0.550               | 2431     | 829         | 0.341               |
| 361   | 8459    | 12951  | 283905 | <a href="#">Clarysson Alberto Mello Da Silva</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Engenharia Nuclear  | 24      | 14          | 0.583               | 70        | 24          | 0.343               | 2428     | 931         | 0.383               |
| 30  | 8460    | 12952  | 283921 | <a href="#">Marco Antonio Carvalho Teixeira</a>  |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Fundação Getulio Vargas - São Paulo</a><br>Administração Pública   Ciência Política   Sociologia   Multidisciplinar           | 24      | 19          | 0.792               | 47        | 31          | 0.660               | 2426     | 1331        | 0.549               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2133       | 8461    | 12953  | 283922 | <a href="#">Túlio Nogueira Bittencourt</a>              |  Brazil   | Universidade de São Paulo USP                          | <a href="#">SistemasMateriaisEstruturaisStructuralEngineeringa&amp;E!</a><br>Estruturas de Concreto   Monitoramento de Estruturas   Fratura   Modelagem Numérica   Sistemas Estruturais | 24      | 16          | 0.667               | 46        | 24          | 0.522               | 2426     | 1079        | 0.445               |
| 13         | 8462    | 12954  | 283939 | <a href="#">Ítalo Herbert Lucena Cavalcante</a>         |  Brazil   | Universidade Federal do Piauí                          |   | 24      | 15          | 0.625               | 80        | 37          | 0.463               | 2424     | 1087        | 0.448               |
| 2134       | 8463    | 12958  | 283989 | <a href="#">Ed Hoffmann Madureira</a>                   |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Biotecnologia da Reprodução de Fêmeas bovinas  | 24      | 15          | 0.625               | 54        | 20          | 0.370               | 2418     | 859         | 0.355               |
| 2135       | 8464    | 12959  | 283995 | <a href="#">José Ernesto Belizário</a>                  |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Biologia celular   cancer   bioinformatica  | 24      | 16          | 0.667               | 31        | 22          | 0.710               | 2418     | 1412        | 0.584               |
| 12         | 8465    | 12960  | 284004 | <a href="#">Marcio Murad</a>                            |  Brazil   | Laboratorio Nacional de Computacao Cientifica          | <a href="#">Laboratorio Nacional de Computação Cientifica</a><br>Multiscale Modeling of Coupled Phenomena In Porous MEdia   | 24      | 14          | 0.583               | 37        | 23          | 0.622               | 2417     | 745         | 0.308               |
| 322        | 8466    | 12961  | 284035 | <a href="#">Anderson Biancini Da Silva</a>              |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geologia costeira  | 24      | 17          | 0.708               | 61        | 33          | 0.541               | 2412     | 1153        | 0.478               |
| 2136       | 8467    | 12963  | 284105 | <a href="#">José Carlos De Melo Vieira Júnior</a>       |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>distribuição de energia elétrica   geração distribuída   qualidade da energia elétrica        | 24      | 19          | 0.792               | 40        | 30          | 0.750               | 2404     | 1226        | 0.510               |
| 23         | 8468    | 12964  | 284110 | <a href="#">Haroldo Fraga De Campos Velho</a>           |  Brazil   | Instituto Nacional de Pesquisas Espaciais              | <a href="#">Senior Researcher, INPE (National Institute for Space Research, Brazil)</a><br>Scientific computing   Inverse problems   Data assimilation   Turbulence model               | 24      | 14          | 0.583               | 55        | 17          | 0.309               | 2403     | 736         | 0.306               |
| 362        | 8469    | 12968  | 284149 | <a href="#">Juliana Ocarino</a>                         |  Brazil  | Universidade Federal de Minas Gerais UFMG              | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Reabilitação   Biomecânica   Movimento Humano   Esportes   Abordagem Ecológica   | 24      | 19          | 0.792               | 43        | 31          | 0.721               | 2399     | 1526        | 0.636               |
| 2137       | 8470    | 12971  | 284172 | <a href="#">Alexandre Ataide Da Silva</a>               |  Brazil | Universidade de São Paulo USP                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química analítica aplicada em análise de alimentos e bebidas   sensores de gases   instrumentação analítica                     | 24      | 14          | 0.583               | 57        | 25          | 0.439               | 2396     | 953         | 0.398               |
| 333        | 8471    | 12973  | 284211 | <a href="#">Marcos Lopes Dias</a>                       |  Brazil | Universidade Federal do Rio de Janeiro                 | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Ciência de Polímeros   Polímero biodegradáveis   Biomateriais poliméricos                   | 24      | 12          | 0.500               | 69        | 19          | 0.275               | 2393     | 977         | 0.408               |
| 2138       | 8472    | 12976  | 284269 | <a href="#">Jose Alberto Cuminato</a>                   |  Brazil | Universidade de São Paulo USP                          | <a href="#">Natural Sciences / Mathematics</a><br>Free surface Flows   Numerical Linear Algebra   Integral Equations  | 24      | 13          | 0.542               | 41        | 21          | 0.512               | 2388     | 768         | 0.322               |
| 539        | 8473    | 12977  | 284339 | <a href="#">Ana Liz Garcia Alves</a>                    |  Brazil | Universidade Estadual Paulista Júlio de Mesquita Filho | Equinos   ortopedia   terapia celular   | 24      | 15          | 0.625               | 45        | 27          | 0.600               | 2381     | 859         | 0.361               |
| 2139       | 8474    | 12979  | 284367 | <a href="#">Carlos Grohmann</a>                         |  Brazil | Universidade de São Paulo USP                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Digital Terrain Analysis   Geomorphometry   Remote Sensing   GIS   | 24      | 20          | 0.833               | 41        | 36          | 0.878               | 2378     | 1448        | 0.609               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 8475    | 12981  | 284395 | <a href="#">Clarinda Aparecida Da Silva</a>      |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia de Goiás</a> | <a href="#">Professora do Instituto Federal de Goiás</a><br>Geografia   Turismo   | 24      | 16          | 0.667               | 57        | 27          | 0.474               | 2375     | 1088        | 0.458               |
| 208   | 8476    | 12983  | 284416 | <a href="#">Luís Presley Serejo Dos Santos</a>   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | Heterostructure   Photoluminescence   Nanostructures   Education  | 24      | 16          | 0.667               | 49        | 28          | 0.571               | 2373     | 1194        | 0.503               |
| 185   | 8477    | 12987  | 284440 | <a href="#">Newton Ca Da Costa Jr</a>            |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Financial economics   Behavioral finance   | 24      | 17          | 0.708               | 60        | 27          | 0.450               | 2369     | 967         | 0.408               |
| 106   | 8478    | 12988  | 284445 | <a href="#">Valdecyr Herdy Alves</a>             |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">DilésiaHerdyAlvesVenecyrFranciscoAlves</a><br>Enfermagem   Enfermagem Obstétrica: Saúde da Mulher   Pratica de Enfermagem   Regulação em Enfermagem | 24      | 21          | 0.875               | 84        | 69          | 0.821               | 2368     | 1844        | 0.779               |
| 24  | 8479    | 12989  | 284475 | <a href="#">Silvana Amaral</a>                   |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                   | INPE  | 24      | 15          | 0.625               | 43        | 20          | 0.465               | 2365     | 873         | 0.369               |
| 2140  | 8480    | 12992  | 284491 | <a href="#">Nágila Raquel Teixeira Damasceno</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Lipid metabolism   Oxidation   Fatty aids   Chronic diseases               | 24      | 18          | 0.750               | 46        | 36          | 0.783               | 2363     | 1297        | 0.549               |
| 79  | 8481    | 12993  | 284494 | <a href="#">Souza Alexandre De Jesus GS</a>      |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Education / Education</a><br>Educação   Geografia   Ecologia   Biologia   Sociologia  | 24      | 15          | 0.625               | 35        | 26          | 0.743               | 2363     | 1469        | 0.622               |
| 540   | 8482    | 12994  | 284498 | <a href="#">Edvaldo Assunção</a>                 |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robust control  | 24      | 15          | 0.625               | 60        | 26          | 0.433               | 2362     | 856         | 0.362               |
| 2141  | 8483    | 12998  | 284549 | <a href="#">Jose Roberto Castilho Piqueira</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Modelagem Matemática  | 24      | 14          | 0.583               | 63        | 24          | 0.381               | 2356     | 988         | 0.419               |
| 2142  | 8484    | 12999  | 284551 | <a href="#">Maria A Gasalla</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">University of Sao Paulo</a>   | 24      | 18          | 0.750               | 51        | 30          | 0.588               | 2356     | 1428        | 0.606               |
| 334   | 8485    | 13000  | 284572 | <a href="#">Marzia Puccioni Sohler</a>           |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | Neuroinfection - Cerebrospinal Fluid  | 24      | 18          | 0.750               | 51        | 30          | 0.588               | 2354     | 961         | 0.408               |
| 3   | 8486    | 13001  | 284575 | <a href="#">Angelica Castilho Alonso</a>         |  Brazil | <a href="#">Universidade São Judas Tadeu</a>                                | <a href="#">SÃoJudasTadeudeMedicinada</a><br>biomecânica  | 24      | 21          | 0.875               | 41        | 34          | 0.829               | 2354     | 1635        | 0.695               |
| 541   | 8487    | 13002  | 284584 | <a href="#">Clóvis Augusto Ribeiro</a>           |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Chemistry   Cinética   Kinetic   Polimeros  | 24      | 15          | 0.625               | 62        | 24          | 0.387               | 2353     | 1055        | 0.448               |

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| University | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 335        | 8488    | 13003  | 284590 | <a href="#">Alberto Claudio Habert</a>                   |    | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">COPPERioJaneiro</a><br>Processos de Separação com Membranas   Polimeros   | 24      | 15          | 0.625               | 40        | 25          | 0.625               | 2353     | 879         | 0.374               |
| 147        | 8489    | 13004  | 284627 | <a href="#">Pedro S Fadini</a>                           |    | <a href="#">Universidade Federal de São Carlos</a>            | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a>  | 24      | 18          | 0.750               | 40        | 27          | 0.675               | 2350     | 1236        | 0.526               |
| 184        | 8490    | 13006  | 284651 | <a href="#">Marcos Aparecido Gimenes</a>                 |    | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">EMBRAPA</a><br>recursos genéticos   | 24      | 12          | 0.500               | 33        | 15          | 0.455               | 2348     | 547         | 0.233               |
| 74         | 8491    | 13008  | 284660 | <a href="#">Pedro Colmar Gonçalves Da Silva Vellasco</a> |    | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">SteelandCompositeStructures.UERJ</a><br>Steel Structures   Structural Engineering   | 24      | 19          | 0.792               | 55        | 30          | 0.545               | 2346     | 953         | 0.406               |
| 166        | 8492    | 13011  | 284736 | <a href="#">Jw Maluf</a>                                 |    | <a href="#">Universidade de Brasília UNB</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física   Teoria da Relatividade   Gravitação  | 24      | 13          | 0.542               | 42        | 21          | 0.500               | 2338     | 802         | 0.343               |
| 2143       | 8493    | 13012  | 284767 | <a href="#">Elvis Terceira Valera</a>                    |    | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>oncologia pediátrica   biologia do câncer infantil   neuro-oncologia pediátrica   TMO autólogo pediátrico | 24      | 15          | 0.625               | 52        | 28          | 0.538               | 2335     | 1056        | 0.452               |
| 209        | 8494    | 13013  | 284781 | <a href="#">Ângela Tavares Paes</a>                      |    | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">Natural Sciences / Statistics</a><br>Estatística  | 24      | 16          | 0.667               | 49        | 22          | 0.449               | 2334     | 788         | 0.338               |
| 89         | 8495    | 13015  | 284793 | <a href="#">Aline Cardoso Siqueira</a>                   |    | <a href="#">Universidade Federal de Santa Maria UFSM</a>      | <a href="#">Social Sciences / Psychology</a><br>Psicologia do Desenvolvimento   Adoção e Práticas Parentais   | 24      | 19          | 0.792               | 39        | 27          | 0.692               | 2333     | 1030        | 0.441               |
| 148        | 8496    | 13016  | 284811 | <a href="#">Maria Elina Bichuette</a>                    |  | <a href="#">Universidade Federal de São Carlos</a>            | <a href="#">Cave Fauna Cavefish Conservation Evolution Morphology </a><br>Cave Fauna   Cavefish   Conservation   Evolution   Morphology                                     | 24      | 18          | 0.750               | 68        | 52          | 0.765               | 2331     | 1342        | 0.576               |
| 130        | 8497    | 13017  | 284815 | <a href="#">Alexandre Bosco De Oliveira</a>              |  | <a href="#">Universidade Federal do Ceará</a>                 | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Physiology   Propagation   Germination Ecophysiology   Crop Science                                     | 24      | 16          | 0.667               | 49        | 30          | 0.612               | 2331     | 1088        | 0.467               |
| 2144       | 8498    | 13019  | 284837 | <a href="#">Diogo O Soares Pinto</a>                     |  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Physics</a><br>Quantum Information Science   Open Quantum Systems   INCT-IQ  | 24      | 17          | 0.708               | 40        | 26          | 0.650               | 2329     | 1115        | 0.479               |
| 2145       | 8499    | 13021  | 284856 | <a href="#">Geraldo Sant Ana De Camargo Barros</a>       |  | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomia   Agronegócio   | 24      | 13          | 0.542               | 53        | 18          | 0.340               | 2327     | 737         | 0.317               |
| 185        | 8500    | 13022  | 284858 | <a href="#">Robelio Leandro Marchão</a>                  |  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   Ciência do Solo   Fitotecnica   | 24      | 20          | 0.833               | 47        | 33          | 0.702               | 2327     | 1335        | 0.574               |
| 80         | 8501    | 13023  | 284867 | <a href="#">Maria Clorinda Soares Fioravanti</a>         |  | <a href="#">Universidade Federal de Goiás UFG</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary Clinical   Animal Pathology   Conservation of Domestic Animal   Buiatrics                   | 24      | 14          | 0.583               | 70        | 24          | 0.343               | 2326     | 947         | 0.407               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 542   | 8502    | 13025  | 284907 | <a href="#">AA Natale</a>                       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>particle hotéis   | 24      | 11          | 0.458               | 49        | 11          | 0.224               | 2323     | 408         | 0.176               |
| 186   | 8503    | 13026  | 284913 | <a href="#">Lúcia Helena De Oliveira Wadt</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Conservação   Genética   Manejo florestal                                   | 24      | 19          | 0.792               | 40        | 28          | 0.700               | 2323     | 964         | 0.415               |
| 133   | 8504    | 13028  | 284963 | <a href="#">Marineli Joaquim Meier</a>          |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Education / Education</a><br>educação aberta   enfermagem   revisão sistemática   lesões crônicas                                   | 24      | 17          | 0.708               | 52        | 28          | 0.538               | 2318     | 888         | 0.383               |
| 186   | 8505    | 13029  | 284977 | <a href="#">Lígia Lúchmann</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | UFSC  | 24      | 18          | 0.750               | 38        | 25          | 0.658               | 2317     | 890         | 0.384               |
| 167   | 8506    | 13032  | 285005 | <a href="#">João Yoshiyuki Ishihara</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Control Systems   Robust Filtering   Dual Quaternions | 24      | 16          | 0.667               | 55        | 27          | 0.491               | 2314     | 981         | 0.424               |
| 42  | 8507    | 13033  | 285019 | <a href="#">Reyolando Mlrf Brasil</a>           |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | ABC<br>Dinâmica não linear de estruturas  | 24      | 14          | 0.583               | 59        | 29          | 0.492               | 2313     | 928         | 0.401               |
| 2146  | 8508    | 13034  | 285060 | <a href="#">M Martinelli</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Physics   | 24      | 15          | 0.625               | 33        | 18          | 0.545               | 2310     | 720         | 0.312               |
| 585   | 8509    | 13035  | 285084 | <a href="#">Rosley Anholon</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | Sustentabilidade   Gestão de Empresas   Ensino de Engenharia  | 24      | 24          | 1.000               | 53        | 52          | 0.981               | 2307     | 2208        | 0.957               |
| 543   | 8510    | 13036  | 285095 | <a href="#">Enner Alcântara</a>                 |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Remote Sensing  | 24      | 20          | 0.833               | 66        | 51          | 0.773               | 2305     | 1666        | 0.723               |
| 75  | 8511    | 13038  | 285118 | <a href="#">Denizar Vianna Araujo</a>           |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">MédicasUniversidRioâ€!</a><br>Medicina  | 24      | 15          | 0.625               | 48        | 24          | 0.500               | 2303     | 1016        | 0.441               |
| 108   | 8512    | 13043  | 285191 | <a href="#">Antonio Carlos Saraiva Da Costa</a> |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>ciência do solo   mineralogia   química do solo                                     | 24      | 15          | 0.625               | 56        | 19          | 0.339               | 2295     | 889         | 0.387               |
| 2147  | 8513    | 13044  | 285201 | <a href="#">Daniel Junqueira Dorta</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">ToxicologiFilosofieLetrasRibeirÃ£oPretoâ€!</a><br>mitocôndria   apoptose   morte celular   flavonóides   PBDEs                      | 24      | 16          | 0.667               | 39        | 30          | 0.769               | 2295     | 1120        | 0.488               |
| 544   | 8514    | 13045  | 285214 | <a href="#">Joao Carlos Silos Moraes</a>        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | FISICA   FISICA DA MATÉRIA CONDENSADA   CIÊNCIA DOS MATERIAIS   | 24      | 15          | 0.625               | 63        | 27          | 0.429               | 2293     | 828         | 0.361               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 8515    | 13046  | 285220 | <a href="#">Ivam Ricardo Peleias</a>           |  <a href="#">Brazil</a>   | <a href="#">Fundação Escola de Comercio Alvares Penteado FECAP</a>                               | <a href="#">FECAP</a><br>Ciências Contábeis. Administração. Direito.   | 24      | 15          | 0.625               | 41        | 22          | 0.537               | 2293     | 829         | 0.362               |
| 15  | 8516    | 13047  | 285221 | <a href="#">Bruno El Bennich</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Cruzeiro do Sul</a>   | <a href="#">Natural Sciences / Physics</a><br>Quantum Chromodynamics   Hadron Physics   Nuclear Physics   Flavor Physics   Nonperturbative Field Theory                | 24      | 16          | 0.667               | 35        | 24          | 0.686               | 2293     | 951         | 0.415               |
| 336   | 8517    | 13048  | 285257 | <a href="#">Margareth Maria Gomes De Souza</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Ortodontia  | 24      | 17          | 0.708               | 38        | 24          | 0.632               | 2290     | 1023        | 0.447               |
| 2148  | 8518    | 13050  | 285325 | <a href="#">Thelma Suely Okay</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">UniversidSão Paulo</a><br>pediatria   biologia molecular   imunologia  | 24      | 16          | 0.667               | 55        | 28          | 0.509               | 2282     | 934         | 0.409               |
| 187   | 8519    | 13051  | 285350 | <a href="#">Urbano Gomes Pinto De Abreu</a>    |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                                      | <a href="#">Agriculture &amp; Forestry / Animal Science</a><br>Animal Production   Systems Modeling   beef cattle   Data Envelopment Analysis   Multivariate statistic | 24      | 17          | 0.708               | 57        | 32          | 0.561               | 2280     | 976         | 0.428               |
| 2149  | 8520    | 13053  | 285376 | <a href="#">Eliana Hiromi Akamine</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Biologia vascular  | 24      | 17          | 0.708               | 41        | 30          | 0.732               | 2278     | 926         | 0.406               |
| 2150  | 8521    | 13054  | 285380 | <a href="#">Fabio Cesar Miranda Torricelli</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Urology</a><br>Urology   Endourology   Laparoscopic and Robotic Surgery  | 24      | 19          | 0.792               | 60        | 41          | 0.683               | 2277     | 1525        | 0.670               |
| 168   | 8522    | 13055  | 285384 | <a href="#">Monalisa F Azevedo</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade de Brasília UNB</a>   | <a href="#">MediciESaú</a>   | 24      | 16          | 0.667               | 30        | 22          | 0.733               | 2277     | 952         | 0.418               |
| 91  | 8523    | 13056  | 285385 | <a href="#">Jeder Silveira Janotti Junior</a>  |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">UniversidPermmabuco</a><br>comunicação   música  | 24      | 16          | 0.667               | 59        | 24          | 0.407               | 2276     | 818         | 0.359               |
| 76  | 8524    | 13058  | 285422 | <a href="#">Lucia Giraffa</a>                  |  <a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Tecnologias Digitais e Educação   Formação de Professores   Ensino de Programação                   | 24      | 13          | 0.542               | 60        | 20          | 0.333               | 2273     | 672         | 0.296               |
| 31  | 8525    | 13059  | 285443 | <a href="#">Fernando S. Meirelles</a>          |  <a href="#">Brazil</a> | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor Titular de TI da FGV EAESP</a><br>Tecnologia de Informação   | 24      | 15          | 0.625               | 52        | 30          | 0.577               | 2271     | 909         | 0.400               |
| 13  | 8526    | 13060  | 285460 | <a href="#">Adriano Michael Bernardin</a>      |  <a href="#">Brazil</a> | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>                                    | <a href="#">Cerâmicos</a><br>Cerâmicos   | 24      | 19          | 0.792               | 44        | 35          | 0.795               | 2270     | 1285        | 0.566               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2151  | 8527    | 13061  | 285473 | <a href="#">Israel Bendit</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematologia-Oncologia   | 24      | 14          | 0.583               | 52        | 23          | 0.442               | 2268     | 934         | 0.412               |
| 93  | 8528    | 13064  | 285516 | <a href="#">Pedro Neves</a>                     |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>agronomia   entomologia   controle biológico  | 24      | 17          | 0.708               | 49        | 28          | 0.571               | 2264     | 1044        | 0.461               |
| 545   | 8529    | 13065  | 285525 | <a href="#">Carlos Roberto Grandini Fbse</a>    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomaterials   Ti Alloys   Mechanical Properties  | 24      | 22          | 0.917               | 57        | 36          | 0.632               | 2263     | 1396        | 0.617               |
| 546   | 8530    | 13066  | 285527 | <a href="#">Valeria Carvalho Santos Ebinuma</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Bioprocesso Processo Fermentativo Colorantes Processo Downstream Aplicações Biomoléculas</a><br>Bioprocesso   Processo Fermentativo   Colorantes   Processo de Downstream   Aplicação de Biomoléculas | 24      | 20          | 0.833               | 50        | 39          | 0.780               | 2263     | 1655        | 0.731               |
| 363   | 8531    | 13067  | 285531 | <a href="#">Suely Rezende</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Thrombosis and Haemostasis  | 24      | 16          | 0.667               | 36        | 22          | 0.611               | 2263     | 1231        | 0.544               |
| 14  | 8532    | 13068  | 285545 | <a href="#">Ana Maria Ribeiro Dos Santos</a>    |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professor Enfermagem, Universidade Federal do Piauí</a><br>Idoso   Emergências   Acidentes  | 24      | 20          | 0.833               | 60        | 39          | 0.650               | 2261     | 1342        | 0.594               |
| 547   | 8533    | 13069  | 285556 | <a href="#">Massanori Takaki</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Popularização da ciência  | 24      | 12          | 0.500               | 52        | 18          | 0.346               | 2260     | 556         | 0.246               |
| 35  | 8534    | 13070  | 285558 | <a href="#">Giancarlo Medeiros Pereira</a>      |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>         | <a href="#">Business &amp; Management / Marketing</a><br>Industrial marketing and sustainability  | 24      | 17          | 0.708               | 50        | 33          | 0.660               | 2260     | 1415        | 0.626               |
| 107   | 8535    | 13072  | 285573 | <a href="#">Ana Lucia Marques Ventura</a>       |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        |   | 24      | 13          | 0.542               | 35        | 16          | 0.457               | 2259     | 694         | 0.307               |
| 2152  | 8536    | 13073  | 285581 | <a href="#">CRF Azevedo</a>                     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais   | 24      | 17          | 0.708               | 42        | 28          | 0.667               | 2258     | 1085        | 0.481               |
| 7   | 8537    | 13074  | 285587 | <a href="#">Frederico Soares</a>                |  Brazil | <a href="#">Instituto Federal Goiano</a>                               | <a href="#">Natural Sciences / Mathematics</a><br>Irrigação e Drenagem  | 24      | 12          | 0.500               | 64        | 24          | 0.375               | 2257     | 864         | 0.383               |
| 62  | 8538    | 13075  | 285591 | <a href="#">Sérgio Antônio Lemos De Moraes</a>  |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química   Chemistry   | 24      | 17          | 0.708               | 52        | 31          | 0.596               | 2257     | 1031        | 0.457               |
| 337   | 8539    | 13076  | 285628 | <a href="#">Luiz Felipe Pinto</a>               |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">UFRJ</a><br>Atenção Primária à Saúde  | 24      | 19          | 0.792               | 50        | 36          | 0.720               | 2254     | 1476        | 0.655               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 548        | 8540    | 13077  | 285629 | <a href="#">Fernando Augusto Silva Marins</a>                           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | pesquisa operacional   logística   Gerenciamento da cadeia de suprimentos  | 24      | 18          | 0.750               | 49        | 31          | 0.633               | 2254     | 1292        | 0.573               |
| 549        | 8541    | 13078  | 285634 | <a href="#">João Roberto Gonçalves</a>                                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">JúlioMesquitFilho</a><br>Tomografia Computadorizada   Ressonância Magnética   Cirurgia Ortognática   Cirurgia de ATM   Implantes Dentais     | 24      | 18          | 0.750               | 42        | 32          | 0.762               | 2254     | 1430        | 0.634               |
| 550        | 8542    | 13079  | 285647 | <a href="#">Antonio Ismael Inácio Cardoso</a>                           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>hortaliças   | 24      | 15          | 0.625               | 68        | 30          | 0.441               | 2252     | 1036        | 0.460               |
| 188        | 8543    | 13080  | 285648 | <a href="#">Emerson Borghi</a>  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Crop Sciences</a><br>Integrated Production Systems   No-Tillage System   Crop Science   Agronomy   Pastures     | 24      | 18          | 0.750               | 53        | 34          | 0.642               | 2252     | 1129        | 0.501               |
| 25         | 8544    | 13082  | 285679 | <a href="#">Jose Luiz Stech</a>   |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia física   sensoriamento remoto   limnologia física         | 24      | 16          | 0.667               | 47        | 27          | 0.574               | 2250     | 922         | 0.410               |
| 338        | 8545    | 13083  | 285687 | <a href="#">Rodrigo Tinoco Figueiredo</a>                               |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Innate Immunity   inflammation   infectious diseases                            | 24      | 18          | 0.750               | 27        | 27          | 1.000               | 2250     | 1126        | 0.500               |
| 2153       | 8546    | 13084  | 285700 | <a href="#">Geni Rodrigues Sampaio</a>                                  |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência dos Alimentos   | 24      | 22          | 0.917               | 39        | 37          | 0.949               | 2248     | 1456        | 0.648               |
| 70         | 8547    | 13085  | 285706 | <a href="#">Luis David Solis Murgas</a>                                 |  Brazil | <a href="#">Universidade Federal de Lavras UFLA</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>Aqüicultura   reprodução animal   biotecnologia  | 24      | 15          | 0.625               | 61        | 25          | 0.410               | 2247     | 946         | 0.421               |
| 26         | 8548    | 13086  | 285734 | <a href="#">Enzo Granato</a>  |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter Physics   Statistical Physics   Superconductivity   Adsorbed systems   Computer Simulaton | 24      | 8           | 0.333               | 62        | 5           | 0.081               | 2245     | 290         | 0.129               |
| 30         | 8549    | 13087  | 285745 | <a href="#">Jorge Ivan Rebelo Porto</a>                                 |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Pesquisador, Instituto Nacional de Pesquisas da Amazônia</a><br>Citogenética e Biologia Molecular  | 24      | 12          | 0.500               | 37        | 18          | 0.486               | 2244     | 548         | 0.244               |
| 2154       | 8550    | 13088  | 285775 | <a href="#">Lucieli Dias Pedreschi Chaves Chaves, LDP, Lucieli Dias</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Ribeirão Preto São Paulo</a><br>Enfermagem   Gestão e Gerenciamento   Sistemas e Serviços de Saúde   | 24      | 20          | 0.833               | 56        | 42          | 0.750               | 2241     | 1447        | 0.646               |

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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 364   | 8551    | 13089  | 285779 | <a href="#">Vasconcelos JA Or João A Vasconcelos Or De Vasconcelos Ja</a> |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Evolutionary Computation   Multiobjective Optimization   Computational Electromagnetic | 24      | 11          | 0.458               | 46        | 15          | 0.326               | 2241     | 506         | 0.226               |
| 149   | 8552    | 13090  | 285780 | <a href="#">Almir Sales</a>   |    | <a href="#">Universidade Federal de São Carlos</a>                             | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>engenharia civil   civil engineering   | 24      | 17          | 0.708               | 45        | 24          | 0.533               | 2241     | 1132        | 0.505               |
| 11  | 8553    | 13091  | 285827 | <a href="#">Leonardo Barros Dobbss</a>                                    |    | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">ValesJequitinhonhaeMucuri</a>  | 24      | 18          | 0.750               | 33        | 28          | 0.848               | 2237     | 1240        | 0.554               |
| 7   | 8554    | 13092  | 285831 | <a href="#">Marcilio Fagundes</a>   |    | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a>               | <a href="#">Natural Sciences / Biological Science</a><br>interações animal-plantas   Ecologia de Comunidades   | 24      | 17          | 0.708               | 49        | 30          | 0.612               | 2236     | 1024        | 0.458               |
| 8   | 8555    | 13093  | 285848 | <a href="#">Luciano Farinha Watzlawick</a>                                |    | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>                | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Ciências Florestais   | 24      | 13          | 0.542               | 75        | 18          | 0.240               | 2235     | 855         | 0.383               |
| 150   | 8556    | 13095  | 285869 | <a href="#">Jacob Carlos Lima</a>   |    | <a href="#">Universidade Federal de São Carlos</a>                             | <a href="#">Social Sciences / Sociology</a><br>Sociologia   Sociologia do Trabalho   Sociologia Econômica   Teoria Sociológica   metodologia da pesquisa social                  | 24      | 14          | 0.583               | 56        | 24          | 0.429               | 2233     | 826         | 0.370               |
| 200   | 8557    | 13096  | 285873 | <a href="#">Tiago Gräf</a>  |   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Fundação Oswaldo Cruz - Instituto Gonçalo Moniz</a><br>virology   molecular evolution   molecular epidemiology   phylogenetics                                       | 24      | 21          | 0.875               | 41        | 34          | 0.829               | 2233     | 1933        | 0.866               |
| 1   | 8558    | 13098  | 285900 | <a href="#">Marcelo Haertel Miglioranza</a>                               |  | <a href="#">Fundação Universitária de Cardiologia</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology   Lung Ultrasound   Echocardiography   Cardiovascular Imaging   Three-dimensional echocardiography        | 24      | 21          | 0.875               | 31        | 28          | 0.903               | 2231     | 1740        | 0.780               |
| 187   | 8559    | 13102  | 285938 | <a href="#">Enzo Morosini Frazzon</a>                                     |  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                    | <a href="#">Social Sciences / Transportation Science &amp; Technology</a><br>Logistics and Supply Chains   Advanced Manufacturing   Optimization   Simulation   Data Analytics   | 24      | 22          | 0.917               | 51        | 46          | 0.902               | 2227     | 1893        | 0.850               |
| 586   | 8560    | 13104  | 285943 | <a href="#">Bela Feldman Bianco</a>                                       |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Social Sciences / Anthropology</a><br>Migrações e Deslocamentos   Identidades   Interseccionalidades   Colonial/ Pós-colonial  | 24      | 16          | 0.667               | 42        | 21          | 0.500               | 2227     | 726         | 0.326               |
| 551   | 8561    | 13106  | 285963 | <a href="#">Konstantin Georgiev Kostov</a>                                |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Natural Sciences / Physics</a><br>Plasma Physics   Electric discharges   | 24      | 17          | 0.708               | 55        | 25          | 0.455               | 2225     | 1090        | 0.490               |
| 103   | 8562    | 13108  | 285992 | <a href="#">Daniel Athanazio</a>  |  | <a href="#">Universidade Federal da Bahia</a>                                  | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology   Urologic Pathology  | 24      | 15          | 0.625               | 46        | 24          | 0.522               | 2222     | 823         | 0.370               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 65  | 8563    | 13111  | 286037 | <a href="#">Rogerio Ribeiro De Oliveira</a> |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | História Ambiental   Fitossociologia   Mata Atlântica   Geografia Histórica  | 24      | 14          | 0.583               | 62        | 24          | 0.387               | 2218     | 732         | 0.330               |
| 2155  | 8564    | 13112  | 286045 | <a href="#">Anna Helena Reali Costa</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Machine Learning   Reinforcement Learning   Intelligent Robotics                  | 24      | 18          | 0.750               | 54        | 30          | 0.556               | 2217     | 1310        | 0.591               |
| 104   | 8565    | 13113  | 286050 | <a href="#">Ramon Santos El Bachá</a>       |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              |  | 24      | 16          | 0.667               | 45        | 25          | 0.556               | 2217     | 970         | 0.438               |
| 12  | 8566    | 13114  | 286053 | <a href="#">Eliana Cazetta</a>              |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>ecology   plant animal interaction   frugivory   seed dispersal   | 24      | 21          | 0.875               | 42        | 34          | 0.810               | 2217     | 1550        | 0.699               |
| 2156  | 8567    | 13123  | 286121 | <a href="#">Silvio Aparecido Dos Santos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Business &amp; Management / Strategic Management</a><br>Administração Geral   Empreendedorismo e Novos Modelos de Gestão e Fronteiras da Pesquisa da Administração | 24      | 13          | 0.542               | 52        | 17          | 0.327               | 2211     | 785         | 0.355               |
| 339   | 8568    | 13125  | 286132 | <a href="#">Fernando Guimarães</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Respiratory Physiotherapy   Cardiopulmonary Physiotherapy   Respiratory Care   Intensive Care Physiotherapy     | 24      | 19          | 0.792               | 72        | 50          | 0.694               | 2210     | 1276        | 0.577               |
| 2157  | 8569    | 13129  | 286160 | <a href="#">Carlos Angelo Nunes</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a><br>metalurgia   metais refratários   superligas   diagrama de fases   | 24      | 14          | 0.583               | 69        | 30          | 0.435               | 2207     | 938         | 0.425               |
| 41  | 8570    | 13130  | 286199 | <a href="#">Roberto Avelino Cecilio</a>     |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                     | <a href="#">Espírito Santo</a><br>Modelagem hidrológica  | 24      | 17          | 0.708               | 66        | 34          | 0.515               | 2203     | 1227        | 0.557               |
| 340   | 8571    | 13132  | 286212 | <a href="#">Marleide Da Mota Gomes</a>      |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">/Riojaneiro</a><br>epilepsy   sleep   history of medicine   epidemiology   | 24      | 16          | 0.667               | 59        | 30          | 0.508               | 2202     | 1011        | 0.459               |
| 109   | 8572    | 13133  | 286220 | <a href="#">Adilson Luiz Ramos</a>          |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>ortodontia   cirurgia ortognática   imaginologia   distúrbios do sono   estética facial                             | 24      | 18          | 0.750               | 47        | 27          | 0.574               | 2201     | 931         | 0.423               |
| 365   | 8573    | 13134  | 286238 | <a href="#">Ítalo Cunha</a>                 |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Networks   Distributed Systems   | 24      | 18          | 0.750               | 39        | 28          | 0.718               | 2200     | 1208        | 0.549               |
| 2158  | 8574    | 13136  | 286244 | <a href="#">Nair Katia Nemr</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">UniversidSão Paulo</a><br>Fonoaudiologia   Voz   Fonoconologia   | 24      | 15          | 0.625               | 50        | 26          | 0.520               | 2199     | 923         | 0.420               |
| 587   | 8575    | 13137  | 286245 | <a href="#">Flavio Keidi Miyazawa</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Combinatorial Optimization</a><br>Combinatorial Optimization   | 24      | 16          | 0.667               | 49        | 26          | 0.531               | 2199     | 805         | 0.366               |


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|------------|---------|--------|--------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 58         | 8576    | 13138  | 286246 | <a href="#">Mauro De Lima Santos</a>                    |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                        | <a href="#">Natural Sciences / Mathematics</a><br>Matemática   Análise   EDP's   Estabilização de Modelos Dissipativos.                               | 24      | 18          | 0.750               | 45        | 34          | 0.756               | 2199     | 1086        | 0.494               |
| 323        | 8577    | 13139  | 286255 | <a href="#">Margot Guerra Sommer</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>paleobotany   wood anatomy   estomatal frequencies   charcoal   phytopleobaryometers | 24      | 14          | 0.583               | 75        | 24          | 0.320               | 2198     | 768         | 0.349               |
| 588        | 8578    | 13140  | 286256 | <a href="#">Sandra Rocha</a>                            |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   | 24      | 15          | 0.625               | 66        | 23          | 0.348               | 2198     | 730         | 0.332               |
| 341        | 8579    | 13141  | 286270 | <a href="#">Marcelo Sant Anna</a>                       |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                   | <a href="#">Natural Sciences / Physics</a><br>Matéria Condensada   Física Atômica e Molecular   | 24      | 11          | 0.458               | 51        | 12          | 0.235               | 2197     | 476         | 0.217               |
| 2159       | 8580    | 13143  | 286304 | <a href="#">Lucy Leal Melo Silva</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Social Sciences / Psychology</a><br>Orientação Profissional   | 24      | 16          | 0.667               | 63        | 31          | 0.492               | 2194     | 872         | 0.397               |
| 8          | 8581    | 13146  | 286363 | <a href="#">Dorothy Araujo</a>                          |  Brazil   | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a> | <a href="#">Jardim Botânico do Rio de Janeiro</a>   | 24      | 14          | 0.583               | 39        | 17          | 0.436               | 2190     | 585         | 0.267               |
| 589        | 8582    | 13151  | 286451 | <a href="#">Solange Maria Almeida</a>                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                | <a href="#">Medical and Health Sciences / Dentistry</a><br>Radiologia Odontológica  | 24      | 14          | 0.583               | 66        | 24          | 0.364               | 2183     | 895         | 0.410               |
| 3          | 8583    | 13152  | 286475 | <a href="#">Antonio Minervino</a>                       |  Brazil  | <a href="#">Universidade Federal do Oeste do Para</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Health  | 24      | 20          | 0.833               | 55        | 47          | 0.855               | 2181     | 1410        | 0.646               |
| 552        | 8584    | 13153  | 286480 | <a href="#">Michelle Leali Costa</a>                    |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Education Administration  | 24      | 17          | 0.708               | 42        | 31          | 0.738               | 2181     | 1085        | 0.497               |
| 189        | 8585    | 13156  | 286528 | <a href="#">Marcos David Ferreira</a>                   |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>              | <a href="#">Pesquisador Embrapa Instrumentação</a><br>Tecnologia Pós-Colheita   | 24      | 18          | 0.750               | 65        | 39          | 0.600               | 2177     | 1249        | 0.574               |
| 110        | 8586    | 13157  | 286549 | <a href="#">Solange Marta Franzói Moraes</a>            |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                         | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia do exercício   HIV   tecido adiposo  | 24      | 17          | 0.708               | 45        | 34          | 0.756               | 2175     | 1092        | 0.502               |
| 342        | 8587    | 13158  | 286564 | <a href="#">Clovis Wotzasek</a>                         |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                   | <a href="#">Natural Sciences / Physics</a><br>Teoria quântica de campos   | 24      | 10          | 0.417               | 59        | 11          | 0.186               | 2173     | 352         | 0.162               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 8588    | 13159  | 286584 | <a href="#">Sylvia Helena Bonilla</a>  |  Brazil   | <a href="#">Universidade Paulista UNIP</a>                             | Produção   Meio ambiente   sustentabilidade   contabilidade ambiental   emergia  | 24      | 17          | 0.708               | 33        | 21          | 0.636               | 2172     | 1059        | 0.488               |
| 201   | 8589    | 13160  | 286588 | <a href="#">Ricardo Moratelli</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Wildlife biologist and One Health scientist, Fiocruz Mata Atlântica, Fundação Oswaldo Cruz ...</a><br>Mammalogy   One Health   Zoonoses   Systematics   Conservation | 24      | 21          | 0.875               | 48        | 40          | 0.833               | 2171     | 1532        | 0.706               |
| 553   | 8590    | 13162  | 286623 | <a href="#">Eduardo Bresciani</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Univ.Estaduala</a>   | 24      | 20          | 0.833               | 70        | 53          | 0.757               | 2168     | 1405        | 0.648               |
| 16  | 8591    | 13163  | 286657 | <a href="#">Ana Tereza Bittencourt Guimarães</a>   |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>      | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística   Ecologia Numérica  | 24      | 21          | 0.875               | 50        | 41          | 0.820               | 2166     | 1583        | 0.731               |
| 554   | 8592    | 13164  | 286665 | <a href="#">Ildeberto Muniz De Almeida Or Almeida Im Or Almeida Im De Or Almeida Ildeberto Muniz</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Saúde do Trabalhador   Acidentes de Trabalho   Erro humano   Ergonomia   Doenças relacionadas ao trabalho  </a>  | 24      | 15          | 0.625               | 52        | 19          | 0.365               | 2165     | 758         | 0.350               |
| 2160  | 8593    | 13167  | 286729 | <a href="#">Katia De Souza Amorim Amorim</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>desenvolvimento e educação de crianças pequenas  | 24      | 16          | 0.667               | 42        | 28          | 0.667               | 2160     | 727         | 0.337               |
| 324   | 8594    | 13168  | 286740 | <a href="#">Célia de Fraga Malfatti</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>biomaterials   corrosion   wear   tribocorrosion   energy conversion                       | 24      | 18          | 0.750               | 56        | 43          | 0.768               | 2159     | 1225        | 0.567               |
| 10  | 8595    | 13169  | 286750 | <a href="#">Normanda Araujo De Moraes</a>  |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>                       | <a href="#">Social Sciences / Psychology</a><br>Developmental Psychology   Family Studies   Family Resilience   Community Resilience   Street children                           | 24      | 18          | 0.750               | 49        | 33          | 0.673               | 2158     | 1039        | 0.481               |
| 15  | 8596    | 13171  | 286802 | <a href="#">Maria Helena Barros Araújo Luz</a>   |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professora da Universidade Federal do Piauí</a><br>Estomatoterapia   Saúde do Idoso   Feridas  | 24      | 17          | 0.708               | 56        | 36          | 0.643               | 2154     | 1112        | 0.516               |
| 108   | 8597    | 13173  | 286811 | <a href="#">Larissa Maria Assad Cavalcante</a>   |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">VeigAlmeieUFF</a>  | 24      | 21          | 0.875               | 36        | 29          | 0.806               | 2154     | 1065        | 0.494               |
| 90  | 8598    | 13176  | 286848 | <a href="#">Paulo Cesar Piquini</a>  |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanomaterials   Electronic Structure  | 24      | 14          | 0.583               | 51        | 26          | 0.510               | 2151     | 782         | 0.364               |
| 188   | 8599    | 13177  | 286878 | <a href="#">André Luís Condino Fuarra</a>  |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>hydrodynamic experiments   signal processing   fluid dynamics   measurement techniques                  | 24      | 17          | 0.708               | 56        | 27          | 0.482               | 2148     | 1026        | 0.478               |
| 111   | 8600    | 13178  | 286891 | <a href="#">Julio Cesar Damasceno</a>  |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Maringá/Agrárias</a><br>Sistemas de produção de leite   Comportamento ingestivo de bovinos a pasto   Conforto e bem estar de vacas leiteiras ...                     | 24      | 13          | 0.542               | 68        | 15          | 0.221               | 2147     | 585         | 0.272               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 590   | 8601    | 13180  | 286912 | <a href="#">Karina Gonzales Silverio</a>     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>periodontia   regeneração periodontal   células tronco   ligamento periodontal   osteoblasto  | 24      | 18          | 0.750               | 47        | 34          | 0.723               | 2146     | 1055        | 0.492               |
| 94  | 8602    | 13181  | 286914 | <a href="#">Maria Fátima Glaner</a>          |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | Physical performance   Health-related physical fitness   Genetic   Measure and evaluation   Body composition   | 24      | 13          | 0.542               | 43        | 16          | 0.372               | 2146     | 663         | 0.309               |
| 591   | 8603    | 13182  | 286921 | <a href="#">Claudio Em Banzato</a>           |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatric Diagnosis and Classification   Nosology   Philosophy of Psychiatry   Schizophrenia   | 24      | 14          | 0.583               | 48        | 22          | 0.458               | 2145     | 908         | 0.423               |
| 131   | 8604    | 13184  | 286972 | <a href="#">René Pastor Torrico Bascopé</a>  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Eletrônica de Potência   sistemas com Energias Renováveis   Sistemas Ininterruptos de Energia   Correção de Fator de Potência   Carregadores de Baterias | 24      | 12          | 0.500               | 46        | 13          | 0.283               | 2141     | 594         | 0.277               |
| 15  | 8605    | 13186  | 286996 | <a href="#">Isabela Gasparini</a>            |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>              | <a href="#">Engineering &amp; Technology / Bioengineering</a><br>human-computer interaction   computers & education   adaptive systems   cultural-awareness   gamification   | 24      | 18          | 0.750               | 54        | 29          | 0.537               | 2139     | 1473        | 0.689               |
| 95  | 8606    | 13187  | 287000 | <a href="#">Alessandra Lourenco Cecchini</a> |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                           | <a href="#">Medical and Health Sciences / Pathology</a><br>patologia   | 24      | 18          | 0.750               | 46        | 37          | 0.804               | 2139     | 1223        | 0.572               |
| 91  | 8607    | 13189  | 287072 | <a href="#">Dorian Monica Arpini</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                    | <a href="#">Social Sciences / Psychology</a><br>Psicologia e relações familiares   Psicologia e políticas públicas   psicologia social   | 24      | 18          | 0.750               | 58        | 45          | 0.776               | 2133     | 1194        | 0.560               |
| 2161  | 8608    | 13190  | 287094 | <a href="#">Luis Fernando Costa Alberto</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Power Systems   Dynamical Systems   Nonlinear Systems  | 24      | 12          | 0.500               | 55        | 18          | 0.327               | 2131     | 653         | 0.306               |
| 190   | 8609    | 13193  | 287117 | <a href="#">Rosa Ts Frighetto</a>            |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Researcher of environmental chemistry, Embrapa</a><br>Green chemistry  | 24      | 15          | 0.625               | 39        | 21          | 0.538               | 2130     | 699         | 0.328               |
| 77  | 8610    | 13196  | 287170 | <a href="#">Santiago Castroviejo Fisher</a>  |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | Phylogenetics   Systematics   Biogeography   Morphology   Herpetology  | 24      | 19          | 0.792               | 41        | 29          | 0.707               | 2126     | 1185        | 0.557               |
| 2   | 8611    | 13198  | 287180 | <a href="#">Paulo Augusto Manfron</a>        |  Brazil | <a href="#">Universidade do Oeste Paulista UNOESTE</a>                      | <a href="#">Natural Sciences / Biological Science</a><br>Ecofisiologia Vegetal   Agrometeorologia   Nutrição de plantas   Fitotecnia e Modelagem em agricultura.   | 24      | 13          | 0.542               | 65        | 18          | 0.277               | 2125     | 618         | 0.291               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 555   | 8612    | 13199  | 287183 | <a href="#">Luis Gustavo Gosuen Gonçalves Dias</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>            | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>ortopedia   traumatologia   neurologia   diagnóstico por imagem | 24      | 17          | 0.708               | 60        | 34          | 0.567               | 2125     | 1296        | 0.610               |
| 31  | 8613    | 13200  | 287187 | <a href="#">Isolde Ferraz</a>                        |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>                       | <a href="#">Instituto Nacional de Pesquisas da Amazônia</a><br>Seed Physiology   Seed Technology   Morphology                                 | 24      | 15          | 0.625               | 46        | 21          | 0.457               | 2125     | 720         | 0.339               |
| 556   | 8614    | 13201  | 287197 | <a href="#">Mitsuru Arai</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>            | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia Sedimentar   Bioestratigrafia   Palinologia                         | 24      | 14          | 0.583               | 48        | 18          | 0.375               | 2124     | 832         | 0.392               |
| 169   | 8615    | 13202  | 287210 | <a href="#">Renata Puppim Zandonadi</a>              |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                      | <a href="#">UniversidBrasília</a><br>Nutrição   alimentação   restrição alimentar   | 24      | 22          | 0.917               | 56        | 51          | 0.911               | 2123     | 1696        | 0.799               |
| 557   | 8616    | 13203  | 287225 | <a href="#">Ercy Mara Cipulo Ramos</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>            | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia Respiratória   Reabilitação Pulmonar   Transporte mucociliar      | 24      | 20          | 0.833               | 55        | 43          | 0.782               | 2122     | 1249        | 0.589               |
| 2162  | 8617    | 13204  | 287237 | <a href="#">Geciane Porto</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                     | <a href="#">Business &amp; Management / Entrepreneurship</a><br>inovação  | 24      | 20          | 0.833               | 58        | 37          | 0.638               | 2121     | 1215        | 0.573               |
| 151   | 8618    | 13205  | 287243 | <a href="#">Mônica Lopes Aguiar</a>                  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                                | <a href="#">Q/UFSCar</a><br>Poluição do ar   Controle Ambiental   filtração de gases  | 24      | 19          | 0.792               | 42        | 33          | 0.786               | 2121     | 1248        | 0.588               |
| 189   | 8619    | 13207  | 287262 | <a href="#">Ana Lúcia Schaefer Ferreira De Mello</a> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia em Saúde Coletiva e Odontogeriatría                                    | 24      | 17          | 0.708               | 50        | 29          | 0.580               | 2119     | 1059        | 0.500               |
| 2163  | 8620    | 13208  | 287281 | <a href="#">Patricia Semedo Kuriki</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                     | <a href="#">IB/PLab/er</a>  | 24      | 17          | 0.708               | 33        | 23          | 0.697               | 2118     | 814         | 0.384               |
| 558   | 8621    | 13209  | 287283 | <a href="#">Fábio Erminio Mingatto</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Bioquímica   Toxicologia   Metabolismo e Bioenergética                            | 24      | 16          | 0.667               | 32        | 24          | 0.750               | 2118     | 801         | 0.378               |
| 13  | 8622    | 13210  | 287290 | <a href="#">Frederic Valentin</a>                    |  Brazil | <a href="#">Laboratorio Nacional de Computacao Cientifica</a>                     | <a href="#">Natural Sciences / Mathematics</a><br>applied mathematics   | 24      | 15          | 0.625               | 44        | 21          | 0.477               | 2117     | 708         | 0.334               |
| 1   | 8623    | 13211  | 287292 | <a href="#">Rosane Teresinha Fontana</a>             |  Brazil | <a href="#">Universidade Regional Integrada do Alto Uruguai e das Missões URI</a> | <a href="#">EnfermagemRegionalIntegradAltoUruguaiê!</a><br>educação em saúde   doenças transmissíveis   saúde do trabalhador                  | 24      | 18          | 0.750               | 39        | 30          | 0.769               | 2117     | 942         | 0.445               |





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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 43  | 8624    | 13212  | 287294 | <a href="#">Juliana Prado</a>                      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">UFABC</a>   | 24      | 19          | 0.792               | 36        | 28          | 0.778               | 2117     | 1141        | 0.539               |
| 10  | 8625    | 13213  | 287299 | <a href="#">Pollyanna Francielli De Oliveira</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade de Franca UNIFRAN</a>                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética (mutagênese)   toxicologia   biologia celular e molecular   biotecnologia   reprodução humana e embriologia | 24      | 18          | 0.750               | 56        | 38          | 0.679               | 2116     | 1376        | 0.650               |
| 31  | 8626    | 13214  | 287304 | <a href="#">Luciana Cavalheiro Marti</a>           |  <a href="#">Brazil</a>   | <a href="#">Hospital Israelita Albert Einstein</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 24      | 17          | 0.708               | 44        | 29          | 0.659               | 2116     | 1204        | 0.569               |
| 31  | 8626    | 13214  | 287304 | <a href="#">Luciana Cavalheiro Marti</a>           |  <a href="#">Brazil</a>   | <a href="#">Hospital Israelita Albert Einstein</a>              | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia  | 24      | 17          | 0.708               | 44        | 29          | 0.659               | 2116     | 1204        | 0.569               |
| 7   | 8628    | 13216  | 287349 | <a href="#">Edesio Luiz Simionatto</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Regional de Blumenau FURB</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 24      | 17          | 0.708               | 61        | 38          | 0.623               | 2112     | 1151        | 0.545               |
| 191   | 8629    | 13218  | 287386 | <a href="#">Luis Henrique Bassoi</a>               |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agricultura Irrigada   Agricultura de Precisão   Física do Solo   Uso da Água na Agricultura                                    | 24      | 12          | 0.500               | 55        | 23          | 0.418               | 2109     | 810         | 0.384               |
| 112   | 8630    | 13220  | 287406 | <a href="#">Tiago Antônio De Oliveira Mendes</a>   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia molecular   Bioquímica   Bioinformática   | 24      | 22          | 0.917               | 53        | 52          | 0.981               | 2108     | 1600        | 0.759               |
| 366   | 8631    | 13221  | 287407 | <a href="#">Jacqueline Veneroso Alves Da Cunha</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Contabilidade   | 24      | 18          | 0.750               | 47        | 30          | 0.638               | 2108     | 1011        | 0.480               |
| 367   | 8632    | 13222  | 287419 | <a href="#">Lilian Lacerda Bueno</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Universidade Federal de Minas Gerais</a>  | 24      | 18          | 0.750               | 45        | 35          | 0.778               | 2107     | 1074        | 0.510               |
| 34  | 8633    | 13223  | 287420 | <a href="#">Fernando Paiva</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Mato Grosso do Sul</a>      | <a href="#">Medical and Health Sciences / Parasitology</a><br>Animal Health   Parasitology   Parasitic Diseases   Epidemiology  | 24      | 18          | 0.750               | 44        | 28          | 0.636               | 2107     | 903         | 0.429               |
| 48  | 8634    | 13225  | 287441 | <a href="#">Daniel Bernardi</a>                    |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | Entomologia   | 24      | 23          | 0.958               | 57        | 49          | 0.860               | 2105     | 1682        | 0.799               |
| 325   | 8635    | 13226  | 287445 | <a href="#">Fabiana Grecca</a>                     |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Endodontics  | 24      | 20          | 0.833               | 46        | 32          | 0.696               | 2105     | 1107        | 0.526               |


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| University | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 592        | 8636    | 13229  | 287467 | <a href="#">Miguel A San Miguel</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>Computational Materials Science   | 24      | 15          | 0.625               | 45        | 26          | 0.578               | 2103     | 852         | 0.405               |
| 132        | 8637    | 13230  | 287469 | <a href="#">Jose Helio Costa</a>                        |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               |   | 24      | 18          | 0.750               | 43        | 33          | 0.767               | 2103     | 1194        | 0.568               |
| 1          | 8638    | 13231  | 287480 | <a href="#">Claudia Giglio De Oliveira Gonçalves</a>    |  Brazil   | <a href="#">Universidade Tuiuti do Paraná</a>                               | <a href="#">Universidade Tuiuti do Paraná</a><br>fonoaudiologia   | 24      | 14          | 0.583               | 59        | 28          | 0.475               | 2102     | 767         | 0.365               |
| 78         | 8639    | 13234  | 287552 | <a href="#">Leonardo A Pinto</a>                        |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatría   Infecções respiratórias   Asma   Fibrose cística   Epidemiologia   | 24      | 18          | 0.750               | 50        | 31          | 0.620               | 2097     | 1322        | 0.630               |
| 190        | 8640    | 13236  | 287598 | <a href="#">Erlon Finardi</a>                           |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 | <a href="#">LabPlan</a><br>Planejamento de Sistemas de Energia Elétrica   | 24      | 20          | 0.833               | 42        | 33          | 0.786               | 2094     | 1206        | 0.576               |
| 192        | 8641    | 13237  | 287609 | <a href="#">Luciano Nass</a>                            |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Researcher, Embrapa</a>   | 24      | 12          | 0.500               | 46        | 14          | 0.304               | 2093     | 448         | 0.214               |
| 66         | 8642    | 13238  | 287625 | <a href="#">Washington Luiz Da Silva Vieira</a>         |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | Herpetologia  | 24      | 17          | 0.708               | 37        | 25          | 0.676               | 2092     | 1043        | 0.499               |
| 559        | 8643    | 13239  | 287634 | <a href="#">Andrei Mikhailov</a>                        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      |   | 24      | 10          | 0.417               | 40        | 12          | 0.300               | 2091     | 358         | 0.171               |
| 67         | 8644    | 13240  | 287640 | <a href="#">Yuri Wanderley Cavalcanti</a>               |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Avaliações Econômicas em Saúde   Biofilmes Oraís   Prótese Dentária   Idosos                        | 24      | 21          | 0.875               | 67        | 48          | 0.716               | 2090     | 1624        | 0.777               |
| 3          | 8645    | 13241  | 287643 | <a href="#">Alan Cavalcanti Da Cunha</a>                |  Brazil | <a href="#">Universidade Federal do Amapá UNIFAP</a>                        | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water Resources   Basic Sanitation   Water Quality Modelling   Biogeochemistry and Environmental Sciences | 24      | 20          | 0.833               | 53        | 41          | 0.774               | 2090     | 1361        | 0.651               |
| 593        | 8646    | 13242  | 287670 | <a href="#">Maria Leticia Cintra</a>                    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Pathology</a><br>Pathology  | 24      | 13          | 0.542               | 66        | 23          | 0.348               | 2087     | 713         | 0.342               |
| 343        | 8647    | 13244  | 287704 | <a href="#">Priscilla Amaral</a>                        |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Biochemical Engineering  | 24      | 19          | 0.792               | 35        | 27          | 0.771               | 2085     | 1081        | 0.518               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 81  | 8648    | 13245  | 287710 | <a href="#">Felipe Terra Martins</a>          |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry  | 24      | 17          | 0.708               | 70        | 41          | 0.586               | 2084     | 1316        | 0.631               |
| 109   | 8649    | 13246  | 287720 | <a href="#">Gilson Teles Boaventura</a>       |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição Experimental   alimentos funcionais   dietética                          | 24      | 13          | 0.542               | 69        | 26          | 0.377               | 2083     | 879         | 0.422               |
| 28  | 8650    | 13247  | 287721 | <a href="#">Josivanda Palmeira Gomes</a>      |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>           | Secagem   Armazenamento   Pós-Colheita   | 24      | 18          | 0.750               | 59        | 35          | 0.593               | 2083     | 1272        | 0.611               |
| 2164  | 8651    | 13249  | 287731 | <a href="#">Robert Ivan Schumacher</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular e Molecular  | 24      | 13          | 0.542               | 31        | 14          | 0.452               | 2083     | 588         | 0.282               |
| 71  | 8652    | 13250  | 287757 | <a href="#">Whasley Ferreira Duarte</a>       |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Microbiologia   | 24      | 18          | 0.750               | 38        | 33          | 0.868               | 2081     | 1337        | 0.642               |
| 29  | 8653    | 13251  | 287763 | <a href="#">Angelo Marcelo Tusset</a>         |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a> | <a href="#">UTFPRPG</a><br>Controle de Sistema Mecânicos   Controle de Sistemas Eletrônicos   Controle de Sistemas Mecatrônicos   Controle de Sistemas Caó | 24      | 19          | 0.792               | 64        | 47          | 0.734               | 2080     | 1379        | 0.663               |
| 2165  | 8654    | 13252  | 287767 | <a href="#">Luiz Jorge Pedrão</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Ribeirão Preto São João del-Rei</a><br>Enfermagem Psiquiátrica   Enfermagem em Saúde Mental   Saúde Mental   Psiquiatria                       | 24      | 15          | 0.625               | 46        | 24          | 0.522               | 2080     | 747         | 0.359               |
| 133   | 8655    | 13255  | 287808 | <a href="#">Vilma Lima</a>                    |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Periodontology                                      | 24      | 19          | 0.792               | 30        | 27          | 0.900               | 2078     | 822         | 0.396               |
| 113   | 8656    | 13257  | 287829 | <a href="#">Sérgio Motoike</a>                |  Brazil  | <a href="#">Universidade Federal de Viçosa UFV</a>               | <a href="#">Fitotecnia</a><br>Domesticação de espécies nativas   Biocombustíveis   Melhoramento Genético   Cultivo in vitro                                | 24      | 18          | 0.750               | 53        | 32          | 0.604               | 2076     | 1164        | 0.561               |
| 110   | 8657    | 13258  | 287831 | <a href="#">Daniel Adrián Stariolo</a>        |  Brazil | <a href="#">Universidade Federal Fluminense</a>                  | <a href="#">Natural Sciences / Physics</a><br>Statistical Mechanics   Condensed Matter   | 24      | 9           | 0.375               | 51        | 8           | 0.157               | 2076     | 510         | 0.246               |
| 8   | 8658    | 13260  | 287845 | <a href="#">Jürgen Andreas</a>                |  Brazil | <a href="#">Universidade Regional de Blumenau FURB</a>           | <a href="#">Natural Sciences / Chemical Sciences</a><br>têxteis   biotecnologia   enzimas   biomassa   química verde                                       | 24      | 15          | 0.625               | 38        | 22          | 0.579               | 2075     | 1019        | 0.491               |
| 2166  | 8659    | 13261  | 287856 | <a href="#">Heidge Fukumasu</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Phenomics   Animal Science   Veterinary Medicine                          | 24      | 19          | 0.792               | 53        | 39          | 0.736               | 2074     | 1355        | 0.653               |
| 2167  | 8660    | 13263  | 287865 | <a href="#">Antonio Miranda Da Cruz Filho</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Soluções irrigantes   Microdureza dentinária  | 24      | 16          | 0.667               | 40        | 23          | 0.575               | 2074     | 828         | 0.399               |
| 2   | 8661    | 13264  | 287876 | <a href="#">Adriana Cortez</a>                |  Brazil | <a href="#">Universidade de Santo Amaro UNISA</a>                | <a href="#">Santo Amaro UNISCampusI</a>  | 24      | 14          | 0.583               | 45        | 21          | 0.467               | 2073     | 641         | 0.309               |



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| University  | Country | Region | World  | Name                                      | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 193   | 8662    | 13265  | 287878 | <a href="#">Simone Ribeiro</a>            |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant virology   plant molecular biology   plant biotechnology                | 24      | 16          | 0.667               | 44        | 25          | 0.568               | 2073     | 678         | 0.327               |
| 15  | 8663    | 13266  | 287887 | <a href="#">Michel Mansur Machado</a>     |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Imunologia   Educomunicação   Ensino                      | 24      | 19          | 0.792               | 51        | 40          | 0.784               | 2072     | 1249        | 0.603               |
| 27  | 8664    | 13267  | 287897 | <a href="#">Adriana Maria Da Silva</a>    |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>heterogeneous catalysis   perovskites   graphene   space propulsion   hydrogenation | 24      | 13          | 0.542               | 27        | 22          | 0.815               | 2072     | 615         | 0.297               |
| 210   | 8665    | 13268  | 287919 | <a href="#">Braga Jap</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology   Pediatric Hematology   Pediatrics   Nutrition                      | 24      | 16          | 0.667               | 54        | 25          | 0.463               | 2070     | 784         | 0.379               |
| 16  | 8666    | 13269  | 287921 | <a href="#">Surender Kumar Sharma</a>     |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                       | <a href="#">Natural Sciences / Physics</a><br>Nanomagnetism   | 24      | 18          | 0.750               | 47        | 31          | 0.660               | 2070     | 1148        | 0.555               |
| 211   | 8667    | 13270  | 287924 | <a href="#">Daniela Santoro Rosa</a>      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              |   | 24      | 18          | 0.750               | 40        | 31          | 0.775               | 2070     | 1079        | 0.521               |
| 59  | 8668    | 13271  | 287934 | <a href="#">Costa Joao C Weyl A</a>       |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a>  | 24      | 16          | 0.667               | 53        | 30          | 0.566               | 2069     | 1193        | 0.577               |
| 134   | 8669    | 13273  | 287965 | <a href="#">Luciano Fernandes Huergo</a>  |  Brazil  | <a href="#">Universidade Federal do Paraná</a>                         | antibodies   Microbiology   biodiversity   Microbial Biodiversity   protein interaction   | 24      | 17          | 0.708               | 53        | 31          | 0.585               | 2067     | 1104        | 0.534               |
| 560   | 8670    | 13274  | 287978 | <a href="#">Elerson Gaetti-Jardim Jr</a>  |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">UNESP Universidade Estadual Paulista</a>  | 24      | 14          | 0.583               | 54        | 24          | 0.444               | 2066     | 833         | 0.403               |
| 594   | 8671    | 13275  | 287995 | <a href="#">Sandra Carmello Guerreiro</a> |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomia Vegetal   | 24      | 16          | 0.667               | 49        | 29          | 0.592               | 2065     | 886         | 0.429               |
| 112   | 8672    | 13276  | 288038 | <a href="#">Eduardo Jorge Pilau</a>       |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | Espectrometria de Massas   Química  | 24      | 20          | 0.833               | 54        | 43          | 0.796               | 2061     | 1547        | 0.751               |
| 326   | 8673    | 13279  | 288115 | <a href="#">Lucas De Oliveira Alvares</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">BiofisicRioGrandeSul</a><br>Neurobiologia da Memória  | 24      | 20          | 0.833               | 35        | 33          | 0.943               | 2056     | 1076        | 0.523               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2168  | 8674    | 13281  | 288133 | <a href="#">Ricardo Galhardoni</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medicida</a><br>Dor   | 24      | 22          | 0.917               | 40        | 39          | 0.975               | 2054     | 1522        | 0.741               |
| 368   | 8675    | 13283  | 288141 | <a href="#">Stela Maris Aguiar Lemos</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Saúde Coletiva   Funcionalidade   Ensino   Audição   Linguagem  | 24      | 17          | 0.708               | 69        | 46          | 0.667               | 2053     | 1320        | 0.643               |
| 2169  | 8676    | 13286  | 288165 | <a href="#">Alain Robin</a>                            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Corrosion   Surface treatments  | 24      | 17          | 0.708               | 47        | 24          | 0.511               | 2052     | 931         | 0.454               |
| 23  | 8677    | 13287  | 288183 | <a href="#">Marcelo Carlos Bortoluzzi</a>              |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Medicine   Oral and Maxillofacial Surgery   | 24      | 18          | 0.750               | 40        | 29          | 0.725               | 2051     | 1034        | 0.504               |
| 92  | 8678    | 13289  | 288200 | <a href="#">Cristiano Av Cavalcante</a>                |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Maintenance   Reliability   Operational research   industrial engineering   manufacturing systems. | 24      | 21          | 0.875               | 34        | 31          | 0.912               | 2050     | 1278        | 0.623               |
| 327   | 8679    | 13290  | 288204 | <a href="#">Jane Zoppas Ferreira</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>corrosão  | 24      | 14          | 0.583               | 30        | 20          | 0.667               | 2050     | 598         | 0.292               |
| 93  | 8680    | 13291  | 288218 | <a href="#">Raul Da Mota Silveira Neto</a>             |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">UFPE</a><br>Regional and Urban Economics  | 24      | 15          | 0.625               | 49        | 22          | 0.449               | 2048     | 828         | 0.404               |
| 2170  | 8681    | 13292  | 288235 | <a href="#">Ana Paula De Carvalho Panzeri Carlotti</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   Cuidados Intensivos  | 24      | 17          | 0.708               | 44        | 31          | 0.705               | 2047     | 921         | 0.450               |
| 344   | 8682    | 13293  | 288243 | <a href="#">Carolina Palma Naveira Cotta</a>           |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Nano e Microfluidic and Microsystems   | 24      | 18          | 0.750               | 45        | 34          | 0.756               | 2046     | 954         | 0.466               |
| 36  | 8683    | 13294  | 288252 | <a href="#">Paula Campagnolo</a>                       |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>  | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a>   | 24      | 14          | 0.583               | 37        | 21          | 0.568               | 2046     | 1087        | 0.531               |
| 202   | 8684    | 13295  | 288255 | <a href="#">Simone Costa</a>                           |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Instituto Oswaldo Cruz</a><br>Medical Entomology   Leishmaniasis  | 24      | 17          | 0.708               | 34        | 26          | 0.765               | 2046     | 721         | 0.352               |
| 16  | 8685    | 13297  | 288285 | <a href="#">Jorge LP Felix</a>                         |  Brazil | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>          | <a href="#">TecnológicoAlegretedefederalPampa</a><br>Controladores ativos e passivos   Sistemas eletromecânicos de Potência Limitada   energy harvesting.                                       | 24      | 16          | 0.667               | 39        | 24          | 0.615               | 2043     | 866         | 0.424               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 24  | 8686    | 13298  | 288291 | <a href="#">Paulo Ricardo Gazzola Zen</a>     |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Médica   Citogenética  | 24      | 15          | 0.625               | 62        | 30          | 0.484               | 2042     | 964         | 0.472               |
| 7   | 8687    | 13299  | 288293 | <a href="#">Vania Aparecida Leandro Merhi</a> |  Brazil   | <a href="#">Pontificia Universidade Católica do Campinas PUC-CAMPINAS</a>        | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição Clínica   Estado Nutricional   Geriatria   Terapia Nutricional                                       | 24      | 15          | 0.625               | 54        | 21          | 0.389               | 2042     | 848         | 0.415               |
| 92  | 8688    | 13300  | 288301 | <a href="#">Ana Paula Ramos De Souza</a>      |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                         | <a href="#">FonoaudiologiaePsicologia</a> !<br>aquisição da linguagem   atraso de linguagem   autismo   risco psíquico   | 24      | 17          | 0.708               | 64        | 36          | 0.563               | 2041     | 1025        | 0.502               |
| 2171  | 8689    | 13301  | 288312 | <a href="#">Fernando Josepetti Fonseca</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>microelectronic   organic electronic   nanotechnology  | 24      | 12          | 0.500               | 35        | 15          | 0.429               | 2041     | 634         | 0.311               |
| 8   | 8690    | 13302  | 288316 | <a href="#">Fabiana Schuelter Trevisol</a>    |  Brazil   | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>                     | <a href="#">SaúoSulá</a> !<br>Doenças Infecciosas   Pesquisa Clínica   Medicamentos   Epidemiologia  | 24      | 17          | 0.708               | 61        | 38          | 0.623               | 2040     | 1346        | 0.660               |
| 561   | 8691    | 13304  | 288331 | <a href="#">Leandro Borges Lemos</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           | <a href="#">AgráriaeVeterináriasJaboticabal</a><br>sistemas de produção agrícola   plantio direto   manejo e tratos culturais   feijão   café  | 24      | 15          | 0.625               | 50        | 27          | 0.540               | 2039     | 899         | 0.441               |
| 595   | 8692    | 13305  | 288347 | <a href="#">Zanoni Dias</a>                   |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computational Biology   Machine Learning   Combinatorial Optimization   Bioinformatics                              | 24      | 15          | 0.625               | 52        | 26          | 0.500               | 2037     | 860         | 0.422               |
| 17  | 8693    | 13306  | 288349 | <a href="#">Afonso Duarte Leão De Souza</a>   |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>                            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de produtos naturais   espectrometria de massas   química de microrganismos   obtenção de derivados de moléculas orgân | 24      | 17          | 0.708               | 43        | 31          | 0.721               | 2037     | 1114        | 0.547               |
| 2172  | 8694    | 13307  | 288355 | <a href="#">Leandro Ramos Souza Barbosa</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Biophysics   Physics   Nanoparticles   SAXS   Drug Delivery  | 24      | 16          | 0.667               | 56        | 39          | 0.696               | 2036     | 1263        | 0.620               |
| 134   | 8695    | 13308  | 288356 | <a href="#">José Nilson Campos</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water Resources Engineering   Environmental sciences   | 24      | 16          | 0.667               | 54        | 24          | 0.444               | 2036     | 880         | 0.432               |
| 170   | 8696    | 13310  | 288391 | <a href="#">Emerson Fachin Martins</a>        |  Brazil | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">UniversidaBrasília</a><br>Tecnologia Assistiva   Esporte Adaptado   Telemedicina   Reabilitação   Fisioterapia   | 24      | 18          | 0.750               | 45        | 36          | 0.800               | 2034     | 998         | 0.491               |
| 212   | 8697    | 13311  | 288411 | <a href="#">Elke Stedefeldt</a>               |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food quality. Food safety. Risk perception. Food service. Food handler. Health education   Food defense | 24      | 23          | 0.958               | 40        | 38          | 0.950               | 2033     | 1697        | 0.835               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 596   | 8698    | 13318  | 288521 | <a href="#">Leandro Wang Hantao</a>                     |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Separations   Sample Preparation   Data Processing   Petroleum  | 24      | 20          | 0.833               | 34        | 28          | 0.824               | 2025     | 1247        | 0.616               |
| 17  | 8699    | 13319  | 288527 | <a href="#">José Roberto De Oliveira Bauer</a>          |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Dentários  | 24      | 19          | 0.792               | 50        | 36          | 0.720               | 2024     | 1079        | 0.533               |
| 13  | 8700    | 13320  | 288535 | <a href="#">Fabio Pinto Gomes</a>                       |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>        | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Photosynthesis   Plant stress physiology   Plant water use efficiency   Xylem hydraulics   | 24      | 17          | 0.708               | 36        | 27          | 0.750               | 2024     | 901         | 0.445               |
| 96  | 8701    | 13321  | 288555 | <a href="#">Edson Luis De Azambuja Ribeiro</a>          |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção animal   Nutrição animal   Melhoramento genético   Bovinocultura   Ovinocultura  | 24      | 13          | 0.542               | 62        | 19          | 0.306               | 2022     | 744         | 0.368               |
| 9   | 8702    | 13325  | 288624 | <a href="#">Aurélio Paes Barros Júnior</a>              |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFRSA</a>  | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fitotecnia   Grandes Culturas   Oleaginosas   Hortaliças   Nutrição de Plantas   | 24      | 16          | 0.667               | 66        | 43          | 0.652               | 2017     | 1079        | 0.535               |
| 93  | 8703    | 13326  | 288625 | <a href="#">Nörnberg José Laerte</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | <a href="#">Bromatologia Produção animal Nutrição animal Compostos bioativos Ciência dos alimentos</a><br>Bromatologia   Produção animal   Nutrição animal   Compostos bioativos   Ciência dos alimentos | 24      | 15          | 0.625               | 58        | 27          | 0.466               | 2017     | 979         | 0.485               |
| 63  | 8704    | 13327  | 288639 | <a href="#">Reinaldo Ruggiero</a>                       |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química - Materiais Lignocelulósicos  | 24      | 15          | 0.625               | 45        | 18          | 0.400               | 2016     | 717         | 0.356               |
| 328   | 8705    | 13328  | 288647 | <a href="#">Alberto Vasconcellos Inda</a>               |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Ciência do solo   Gênese e classificação do solo   Mineralogia   | 24      | 19          | 0.792               | 47        | 36          | 0.766               | 2015     | 1266        | 0.628               |
| 113   | 8706    | 13329  | 288651 | <a href="#">Rodolpho Martin Do Prado</a>                |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Ruminants   | 24      | 16          | 0.667               | 43        | 30          | 0.698               | 2015     | 987         | 0.490               |
| 2173  | 8707    | 13330  | 288652 | <a href="#">Eduardo S Cypriano</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Astronomia Extragaláctica   Lentes Gravitacionais   Aglomerados de Galáxias   Cosmologia   | 24      | 15          | 0.625               | 43        | 23          | 0.535               | 2015     | 754         | 0.374               |
| 8   | 8708    | 13331  | 288657 | <a href="#">Renato Lara De Assis</a>                    |  Brazil | <a href="#">Instituto Federal Goiano</a>                        |  | 24      | 17          | 0.708               | 32        | 24          | 0.750               | 2015     | 762         | 0.378               |
| 213   | 8709    | 13332  | 288664 | <a href="#">Marcia Barbieri</a>                         |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | Saúde da Mulher  | 24      | 18          | 0.750               | 52        | 35          | 0.673               | 2014     | 958         | 0.476               |
| 2174  | 8710    | 13333  | 288687 | <a href="#">Daisy Aparecida Do Nascimento Rebelatto</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Engineering</a><br>Engenharia Economica   | 24      | 21          | 0.875               | 44        | 30          | 0.682               | 2013     | 1411        | 0.701               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 94  | 8711    | 13334  | 288704 | <a href="#">Agueda Castagna De Vargas</a>  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>       | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Medicina Veterinária Preventiva  | 24      | 16          | 0.667               | 59        | 30          | 0.508               | 2011     | 1046        | 0.520               |
| 369   | 8712    | 13335  | 288707 | <a href="#">Enio Ferreira</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Medical and Health Sciences / Pathology</a><br>Neoplasias animais e experimentais   | 24      | 20          | 0.833               | 50        | 33          | 0.660               | 2011     | 1266        | 0.630               |
| 2175  | 8713    | 13336  | 288719 | <a href="#">Rocha MS</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Radiology</a><br>Medicina   Radiologia  | 24      | 16          | 0.667               | 31        | 22          | 0.710               | 2011     | 730         | 0.363               |
| 111   | 8714    | 13337  | 288738 | <a href="#">Andrea Regina De Souza Baptista</a><br><a href="#">Andréa Regina Baptista Rossit</a> |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                | Microbiologia   Micologia   Genética   Zoonoses   | 24      | 12          | 0.500               | 52        | 17          | 0.327               | 2009     | 593         | 0.295               |
| 2176  | 8715    | 13338  | 288742 | <a href="#">Marcio Reis Custodio</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Physiology</a>  | 24      | 13          | 0.542               | 45        | 22          | 0.489               | 2009     | 725         | 0.361               |
| 10  | 8716    | 13339  | 288754 | <a href="#">Jael Soares Batista</a>  |  Brazil   | <a href="#">Universidade Federal Rural do Semi-Árido UFRSA</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Patologia animal.  | 24      | 18          | 0.750               | 43        | 28          | 0.651               | 2008     | 942         | 0.469               |
| 112   | 8717    | 13341  | 288776 | <a href="#">Alphonse Kelecom</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                | radiobiologia   radioecologia   polônio-210   Po-210   produtos naturais marinhos   | 24      | 10          | 0.417               | 61        | 11          | 0.180               | 2006     | 466         | 0.232               |
| 345   | 8718    | 13343  | 288818 | <a href="#">Marisa Palacios</a>  |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>         | <a href="#">UFRJ</a><br>Bioética   Ética em Pesquisa   Bullying   | 24      | 14          | 0.583               | 47        | 22          | 0.468               | 2003     | 682         | 0.340               |
| 28  | 8719    | 13344  | 288821 | <a href="#">Esfhan Alam Kherani</a>  |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>      | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geophysics   | 24      | 18          | 0.750               | 40        | 26          | 0.650               | 2003     | 876         | 0.437               |
| 14  | 8720    | 13347  | 288849 | <a href="#">Araldo Cesar Pereira</a>   |  Brazil | <a href="#">Universidade Federal de São João del Rei UFSJ</a>  | <a href="#">SÃOJOÃOdelRei</a><br>Eletroanalítica  | 24      | 18          | 0.750               | 46        | 35          | 0.761               | 2000     | 962         | 0.481               |
| 29  | 8721    | 13350  | 288886 | <a href="#">Milton Kampel</a>  |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>      | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Sensoriamento Remoto   Oceanografia   Monitoramento ambiental   Gerenciamento costeiro   Manguezais | 24      | 18          | 0.750               | 48        | 30          | 0.625               | 1997     | 1223        | 0.612               |
| 113   | 8722    | 13352  | 288914 | <a href="#">Rodrigo Ferreira Sobreiro</a>  |  Brazil | <a href="#">Universidade Federal Fluminense</a>                | <a href="#">Natural Sciences / Physics</a><br>Quantum field theory   gauge theories   confinement   gribov problem   quantum gravity  | 24      | 13          | 0.542               | 47        | 21          | 0.447               | 1995     | 593         | 0.297               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7   | 8723    | 13354  | 288959 | <a href="#">Daniel Simon</a>                   |  Brazil   | <a href="#">Universidade Luterana do Brasil ULBRA</a>                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética e Biologia Molecular  | 24      | 19          | 0.792               | 50        | 36          | 0.720               | 1992     | 1160        | 0.582               |
| 2177  | 8724    | 13355  | 288960 | <a href="#">Terezinha Knöbl</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pathology</a><br>Ornitopatologia   Medicina aviária   | 24      | 17          | 0.708               | 48        | 32          | 0.667               | 1992     | 1237        | 0.621               |
| 370   | 8725    | 13359  | 289026 | <a href="#">Marcos Pinotti</a>                 |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Universidade Federal de Minas Gerais</a>  | 24      | 15          | 0.625               | 44        | 26          | 0.591               | 1988     | 832         | 0.419               |
| 562   | 8726    | 13360  | 289059 | <a href="#">Viviane Moschini Carlos</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Limnology   Phytoplankton   Reservoir  | 24      | 17          | 0.708               | 62        | 35          | 0.565               | 1985     | 1076        | 0.542               |
| 2178  | 8727    | 13361  | 289068 | <a href="#">Marcos Siqueira Neto</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">PõsnCENA/P</a><br>Gases de efeito estufa em biosistemas   matéria orgânica do solo   ciclos biogeoquímicos  | 24      | 18          | 0.750               | 37        | 28          | 0.757               | 1985     | 1004        | 0.506               |
| 29  | 8728    | 13363  | 289123 | <a href="#">Alexandre José De Melo Queiroz</a> |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                 | secagem   reologia   pós-colheita   | 24      | 14          | 0.583               | 58        | 26          | 0.448               | 1981     | 886         | 0.447               |
| 329   | 8729    | 13364  | 289137 | <a href="#">Santos Lal</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>biomaterial   | 24      | 17          | 0.708               | 57        | 34          | 0.596               | 1980     | 921         | 0.465               |
| 30  | 8730    | 13365  | 289151 | <a href="#">José Morais Pereira Filho</a>      |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                 | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Nutrição de ruminantes   forragicultura   pastagem   proodução animal  | 24      | 13          | 0.542               | 58        | 24          | 0.414               | 1979     | 752         | 0.380               |
| 2179  | 8731    | 13366  | 289173 | <a href="#">Juliano Fiorelli</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Engineering</a><br>engenharia civil   engenharia de materiais   engenharia agrícola  | 24      | 21          | 0.875               | 56        | 37          | 0.661               | 1978     | 1284        | 0.649               |
| 135   | 8732    | 13367  | 289177 | <a href="#">Jose Neuman Souza</a>              |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a>   | 24      | 17          | 0.708               | 48        | 30          | 0.625               | 1978     | 997         | 0.504               |
| 203   | 8733    | 13368  | 289198 | <a href="#">Helisson Faoro</a>                 |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Instituto Carlos Chagas, Fiocruz-PR</a><br>Antimicrobial resistance   Metagenomics   Genomics   Transcriptomics   | 24      | 22          | 0.917               | 37        | 33          | 0.892               | 1977     | 1230        | 0.622               |
| 76  | 8734    | 13371  | 289267 | <a href="#">Christian Edward Cyril Lynch</a>   |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Social Sciences / Political Science</a><br>Teoria política   pensamento social brasileiro   pensamento político brasileiro   história do Brasil   história do direito | 24      | 18          | 0.750               | 38        | 32          | 0.842               | 1973     | 1140        | 0.578               |
| 194   | 8735    | 13375  | 289297 | <a href="#">Flavio Favaro Blanco</a>           |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa</a><br>irrigação   salinidade do solo   fertirrigação   física do solo   evapotranspiração  | 24      | 14          | 0.583               | 35        | 19          | 0.543               | 1971     | 776         | 0.394               |



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| University | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 136        | 8736    | 13378  | 289326 | <a href="#">Alberto Nunes</a>                           |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                    | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquicultura  | 24      | 16          | 0.667               | 44        | 25          | 0.568               | 1969     | 884         | 0.449               |
| 346        | 8737    | 13380  | 289349 | <a href="#">Antonio Carlos Fontes Dos Santos</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Natural Sciences / Physics</a><br>Atomic and Molecular Physics   Physics Education Research   Physics Teaching   Ionization   Ensino de Física                             | 24      | 11          | 0.458               | 68        | 12          | 0.176               | 1967     | 515         | 0.262               |
| 152        | 8738    | 13381  | 289355 | <a href="#">Carlos Alberto Nogueira-De-Almeida</a>      |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição   nutrologia   obesidade   anemia   óleos vegetais   | 24      | 13          | 0.542               | 49        | 20          | 0.408               | 1967     | 869         | 0.442               |
| 18         | 8739    | 13382  | 289370 | <a href="#">Gabriela Tomas Jerônimo</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Amazonas UFAM</a>            | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Fish Parasites   Fish Health   Aquaculture   Fish Diseases   Fish Pathology  | 24      | 19          | 0.792               | 50        | 38          | 0.760               | 1966     | 1122        | 0.571               |
| 330        | 8740    | 13383  | 289375 | <a href="#">Lia Beatriz De Lucca Freitas</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">RioGrandeSul</a><br>Desenvolvimento humano   Desenvolvimento moral   Ética   | 24      | 15          | 0.625               | 44        | 28          | 0.636               | 1966     | 822         | 0.418               |
| 114        | 8741    | 13384  | 289384 | <a href="#">Claudete Aparecida Mangolim</a>             |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Maringá</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biotecnologia   genética e biologia molecular vegetal   | 24      | 15          | 0.625               | 58        | 20          | 0.345               | 1965     | 689         | 0.351               |
| 105        | 8742    | 13385  | 289399 | <a href="#">Eduardo Mariano Neto</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal da Bahia</a>                    | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de florestas   Biologia da conservação   | 24      | 20          | 0.833               | 38        | 30          | 0.789               | 1965     | 1180        | 0.601               |
| 597        | 8743    | 13387  | 289416 | <a href="#">Eduardo Mello De Capitani</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | Saúde Ocupacional   Pneumologia   Toxicologia Clínica  | 24      | 16          | 0.667               | 50        | 19          | 0.380               | 1963     | 690         | 0.352               |
| 371        | 8744    | 13388  | 289429 | <a href="#">Ricardo Rodrigues Barbosa</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">TeoriEdInforma&amp;AtildeUniversida&amp;Atilde!</a><br>Gestão do conhecimento   Gestão da informação   Inteligência competitiva   Estratégia organizacional                | 24      | 12          | 0.500               | 35        | 16          | 0.457               | 1963     | 539         | 0.275               |
| 191        | 8745    | 13391  | 289441 | <a href="#">Luismar M Porto</a>                         |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Santa Catarina UFSC</a>      | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Tissue Engineering   applied genomics   biomaterials   | 24      | 20          | 0.833               | 33        | 24          | 0.727               | 1962     | 1006        | 0.513               |
| 13         | 8746    | 13395  | 289462 | <a href="#">Jorge P Zubelli</a>                         |  <a href="#">Brazil</a> | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a> | <a href="#">Natural Sciences / Mathematics</a><br>inverse problems   mathematical modelling   numerical analysis   financial mathematics   mathematical modelling of biophysical pheno | 24      | 15          | 0.625               | 50        | 24          | 0.480               | 1960     | 698         | 0.356               |
| 2180       | 8747    | 13396  | 289470 | <a href="#">Luiz Carlos CB Ferraz</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">ESALQ</a>  | 24      | 12          | 0.500               | 57        | 16          | 0.281               | 1959     | 644         | 0.329               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 22  | 8748    | 13397  | 289472 | <a href="#">Luciana Azevedo</a>                    |  Brazil   | <a href="#">Universidade Federal de Alfnas UNIFAL-MG</a>             | <a href="#">Universidade Federal de Alfnas</a>   | 24      | 22          | 0.917               | 50        | 38          | 0.760               | 1959     | 1576        | 0.804               |
| 26  | 8749    | 13399  | 289511 | <a href="#">Lucia Bogus</a>                        |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">Social Sciences / Social Sciences</a><br>Sociologia Urbana   Teoria Sociológica   Planejamento e Gestão                              | 24      | 13          | 0.542               | 45        | 17          | 0.378               | 1957     | 669         | 0.342               |
| 115   | 8750    | 13400  | 289514 | <a href="#">Marcelo Fernandes Vieira</a>           |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>engenharia química  | 24      | 22          | 0.917               | 42        | 37          | 0.881               | 1957     | 1488        | 0.760               |
| 331   | 8751    | 13401  | 289523 | <a href="#">Ana Maria Mizusaki</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geocronologia   analise de bacias   geologia do petroleo   geoquímica ambiental | 24      | 16          | 0.667               | 48        | 27          | 0.563               | 1956     | 847         | 0.433               |
| 204   | 8752    | 13402  | 289526 | <a href="#">Alvaro Luiz Bertho</a>                 |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Flow Cytometry   Cell Biology   | 24      | 12          | 0.500               | 42        | 16          | 0.381               | 1956     | 452         | 0.231               |
| 135   | 8753    | 13405  | 289561 | <a href="#">Ângelo Ricardo De Souza</a>            |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                       | <a href="#">Education / Education</a><br>Educação  | 24      | 17          | 0.708               | 44        | 27          | 0.614               | 1954     | 1117        | 0.572               |
| 2181  | 8754    | 13408  | 289592 | <a href="#">Julio Michael Stern</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Natural Sciences / Mathematics</a><br>Bayesian Statistics   Epistemology   Logic   Numerical Optimization   Operations Research      | 24      | 14          | 0.583               | 46        | 26          | 0.565               | 1952     | 753         | 0.386               |
| 95  | 8755    | 13409  | 289598 | <a href="#">Luciano Schuch</a>                     |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>             | Eletrônica de Potência   | 24      | 14          | 0.583               | 39        | 19          | 0.487               | 1952     | 924         | 0.473               |
| 2182  | 8756    | 13410  | 289623 | <a href="#">Cintia Borges Margi</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Networks   Wireless Sensor Networks                                  | 24      | 16          | 0.667               | 41        | 27          | 0.659               | 1950     | 905         | 0.464               |
| 2183  | 8757    | 13411  | 289635 | <a href="#">Francisco Verissimo De Mello Filho</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">IICabeĂSEPescoĂSoMedicinĂ!</a><br>Cirurgia de Cabeça e Pescoço e Cirurgia Craniomaxilofacial   | 24      | 14          | 0.583               | 55        | 23          | 0.418               | 1949     | 683         | 0.350               |
| 16  | 8758    | 13412  | 289641 | <a href="#">Veraldo Liesenberg</a>                 |  Brazil | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>       | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Remote Sensing of Vegetation                           | 24      | 20          | 0.833               | 40        | 37          | 0.925               | 1949     | 1539        | 0.790               |
| 153   | 8759    | 13413  | 289653 | <a href="#">Keico O Nonaka</a>                     |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                   | <a href="#">Medical and Health Sciences / Physiology</a><br>fisiologia   | 24      | 12          | 0.500               | 48        | 18          | 0.375               | 1948     | 512         | 0.263               |
| 82  | 8760    | 13414  | 289663 | <a href="#">Wilson Mozena Leandro</a>              |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                    | <a href="#">DosoloUniversidGoiás</a><br>ciencia do solo  | 24      | 17          | 0.708               | 47        | 32          | 0.681               | 1947     | 997         | 0.512               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 598   | 8761    | 13415  | 289664 | <a href="#">Marcelo Terra Cunha</a>             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Physics</a><br>Quantum Information Theory   Quantum Foundations   | 24      | 14          | 0.583               | 47        | 22          | 0.468               | 1947     | 827         | 0.425               |
| 563   | 8762    | 13416  | 289672 | <a href="#">Pitágoras C Bispo</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia e taxonomia de insetos aquáticos   ecologia de riachos   ecologia teórica                                    | 24      | 15          | 0.625               | 56        | 29          | 0.518               | 1946     | 786         | 0.404               |
| 14  | 8763    | 13417  | 289692 | <a href="#">Mário Jorge Cardoso de Mendonça</a> |  Brazil   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   Econometria Aplicada   Estatística  | 24      | 15          | 0.625               | 41        | 22          | 0.537               | 1945     | 689         | 0.354               |
| 2184  | 8764    | 13419  | 289708 | <a href="#">Ana Maria Cervato Mancuso</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>nutrição   saúde publica   ensino superior  | 24      | 16          | 0.667               | 36        | 24          | 0.667               | 1944     | 783         | 0.403               |
| 7   | 8765    | 13420  | 289712 | <a href="#">Hector Henrique Ferreira Koolen</a> |  Brazil   | <a href="#">Universidade do Estado do Amazonas UEA</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Biotechnology   Mass Spectrometry   Food Chemistry   Organic Chemistry   Natural Products Chemistry                   | 24      | 19          | 0.792               | 56        | 46          | 0.821               | 1943     | 1442        | 0.742               |
| 9   | 8766    | 13421  | 289713 | <a href="#">Editora Ufgd</a>                    |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>            | <a href="#">Universidade Federal da Grande Dourados</a>  | 24      | 16          | 0.667               | 54        | 31          | 0.574               | 1943     | 1108        | 0.570               |
| 564   | 8767    | 13422  | 289717 | <a href="#">Valerio Carruba</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Physics</a><br>Asteroid dynamics  | 24      | 16          | 0.667               | 50        | 34          | 0.680               | 1943     | 889         | 0.458               |
| 565   | 8768    | 13423  | 289722 | <a href="#">Marco Antonio Assis</a>             |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversidade  | 24      | 15          | 0.625               | 42        | 27          | 0.643               | 1943     | 770         | 0.396               |
| 7   | 8769    | 13424  | 289742 | <a href="#">Anderson Teodoro</a>                |  Brazil | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos  | 24      | 22          | 0.917               | 43        | 39          | 0.907               | 1941     | 1440        | 0.742               |
| 599   | 8770    | 13425  | 289749 | <a href="#">Filipe Vargas Ferreira</a>          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Nanomaterials   surface modifications   polymer nanocomposites   biomaterials   biomedical applications | 24      | 24          | 1.000               | 30        | 30          | 1.000               | 1941     | 1895        | 0.976               |
| 214   | 8771    | 13427  | 289772 | <a href="#">Liliane Desgualdo Pereira</a>       |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">Medical and Health Sciences / Audiology and Speech Pathology</a><br>audiologia   percepção auditiva   audição   testes auditivos                                   | 24      | 11          | 0.458               | 40        | 11          | 0.275               | 1939     | 328         | 0.169               |
| 2185  | 8772    | 13428  | 289783 | <a href="#">Francisco Tibor Dénes</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Urology</a><br>urologia   urologia pediatrica  | 24      | 15          | 0.625               | 50        | 26          | 0.520               | 1938     | 723         | 0.373               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 8773    | 13429  | 289784 | <a href="#">Valter JS Leite</a>                         |  Brazil   | <a href="#">Centro Federal de Educação Tecnológica de Minas Gerais CEFET-MG</a> | <a href="#">CEFETMG</a><br>Robust Control   Time delay systems   Uncertain Systems   Fuzzy   LPV.  | 24      | 14          | 0.583               | 44        | 21          | 0.477               | 1938     | 704         | 0.363               |
| 7          | 8774    | 13430  | 289810 | <a href="#">Ana Carolina Rodarti Pitangui</a>           |  Brazil   | <a href="#">Universidade de Pernambuco</a>                                      | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia  | 24      | 19          | 0.792               | 57        | 47          | 0.825               | 1935     | 1374        | 0.710               |
| 195        | 8775    | 13431  | 289811 | <a href="#">Claudio Napolis Costa</a>                   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Genomics   Statistical Models  | 24      | 13          | 0.542               | 55        | 22          | 0.400               | 1935     | 625         | 0.323               |
| 18         | 8776    | 13432  | 289816 | <a href="#">Helena Sampaio</a>                          |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>                                  | saúde coletiva   letramento em saúde. nutrição e doenças crônicas não transmissíveis   | 24      | 16          | 0.667               | 46        | 26          | 0.565               | 1935     | 952         | 0.492               |
| 60         | 8777    | 13433  | 289830 | <a href="#">Jose Roberto Zamian</a>                     |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   biocombustíveis   catálise e fotocatalise  | 24      | 19          | 0.792               | 38        | 27          | 0.711               | 1934     | 1039        | 0.537               |
| 332        | 8778    | 13434  | 289856 | <a href="#">Florenca Cladera Olivera</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                 | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Alimentos   | 24      | 17          | 0.708               | 29        | 25          | 0.862               | 1932     | 962         | 0.498               |
| 2186       | 8779    | 13435  | 289862 | <a href="#">Ana Marcia De Sá Guimarães</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                   | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Bacteriology   Mycobacterium   Mycoplasma   | 24      | 18          | 0.750               | 48        | 33          | 0.688               | 1931     | 973         | 0.504               |
| 205        | 8780    | 13436  | 289881 | <a href="#">Maria Helena Neves Lobo Silva Filha</a>     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">Instituto Aggeu Magalhães-FIOCRUZ, pesquisadora Depto. de Entomologia</a><br>Controle de vetores   entomologia médica   modo de ação de inseticidas biológicos   resistência a inseticidas | 24      | 12          | 0.500               | 42        | 22          | 0.524               | 1930     | 513         | 0.266               |
| 333        | 8781    | 13438  | 289892 | <a href="#">Marco Cepik</a>                             |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                 | <a href="#">UFRGS</a><br>Intelligence Studies   International Security   Digital Governance  | 24      | 12          | 0.500               | 54        | 19          | 0.352               | 1929     | 615         | 0.319               |
| 2187       | 8782    | 13441  | 289905 | <a href="#">Ivan Paulo Bedendo</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Doenças de plantas   | 24      | 14          | 0.583               | 55        | 24          | 0.436               | 1928     | 689         | 0.357               |
| 372        | 8783    | 13443  | 289910 | <a href="#">Carlos Augusto Gomes Leal</a>               |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                       | <a href="#">Medical and Health Sciences / Immunology</a><br>Medicina Veterinária Preventiva   Sanidade de Animais Aquáticos  | 24      | 19          | 0.792               | 49        | 40          | 0.816               | 1928     | 1189        | 0.617               |
| 40         | 8784    | 13444  | 289912 | <a href="#">Ana Luiza Muccillo Baisch</a>               |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia   saúde ambiental   promoção da saúde   | 24      | 16          | 0.667               | 44        | 28          | 0.636               | 1928     | 1018        | 0.528               |
| 2188       | 8785    | 13445  | 289914 | <a href="#">Moacir A Ponti</a>                          |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Signal and Image Processing   Machine Learning   Representation Learning   Data Science                      | 24      | 24          | 1.000               | 36        | 30          | 0.833               | 1928     | 1605        | 0.832               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 373        | 8786    | 13446  | 289920 | <a href="#">Elida M Rabelo</a>                          |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   biologia molecular de parasitos   resistencia a drogas   ancilostomideos   | 24      | 16          | 0.667               | 41        | 23          | 0.561               | 1927     | 781         | 0.405               |
| 206        | 8787    | 13448  | 289953 | <a href="#">Andre Luiz Franco Sampaio</a>               |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Drug development   Innovation   Cancer   Inflammation                                   | 24      | 15          | 0.625               | 31        | 17          | 0.548               | 1925     | 625         | 0.325               |
| 32         | 8788    | 13450  | 289960 | <a href="#">Iara Gimenez</a>                            |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>química  | 24      | 16          | 0.667               | 44        | 29          | 0.659               | 1924     | 991         | 0.515               |
| 72         | 8789    | 13452  | 289982 | <a href="#">Fabio Akira Mori</a>                        |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                         | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Ciência e Tecnologia da Madeira   | 24      | 16          | 0.667               | 60        | 29          | 0.483               | 1922     | 937         | 0.488               |
| 17         | 8790    | 13454  | 290026 | <a href="#">Ronaldo Severiano Berton</a>                |  Brazil   | <a href="#">Instituto Agrônomo</a>  | <a href="#">Pesquisador Científico, Instituto Agrônomo</a><br>ciência do solo  | 24      | 10          | 0.417               | 45        | 12          | 0.267               | 1919     | 365         | 0.190               |
| 347        | 8791    | 13455  | 290027 | <a href="#">Marcelo Gomes Miguez</a>                    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Arts, Design and Architecture / Urban Planning</a><br>Urban Drainage   Flood Modeling   Flood Risk and City Resilience   Mathematical Modeling and MODCEL   Storm Water Management | 24      | 20          | 0.833               | 44        | 34          | 0.773               | 1919     | 1351        | 0.704               |
| 374        | 8792    | 13456  | 290035 | <a href="#">Herbert Ugrinowitsch</a>                    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | Motor Learning   Motor Development   Motor Control   Volleyball  | 24      | 16          | 0.667               | 65        | 36          | 0.554               | 1918     | 1112        | 0.580               |
| 106        | 8793    | 13457  | 290039 | <a href="#">Olival Freire Junior</a>                    |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">History, Philosophy, Theology / History</a><br>History of science   philosophy of science   science teaching   | 24      | 15          | 0.625               | 51        | 22          | 0.431               | 1918     | 767         | 0.400               |
| 192        | 8794    | 13458  | 290047 | <a href="#">Humberto M Carvalho</a>                     |  Brazil  | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                 |  | 24      | 21          | 0.875               | 47        | 41          | 0.872               | 1917     | 1363        | 0.711               |
| 207        | 8795    | 13459  | 290048 | <a href="#">Manoel Marques Evangelista De Oliveira</a>  |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Pesquisador em Saúde Pública, Fundação Oswaldo Cruz, Rio de Janeiro</a><br>Micologia   Taxonomia Polifásica   Biologia Molecular   MALDI-TOF MS                                    | 24      | 21          | 0.875               | 44        | 39          | 0.886               | 1917     | 1359        | 0.709               |
| 375        | 8796    | 13461  | 290058 | <a href="#">Carlos Basílio Pinheiro</a>                 |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Physics</a><br>Cristalografia   Ciência de Materiais  | 24      | 17          | 0.708               | 68        | 38          | 0.559               | 1916     | 890         | 0.465               |
| 79         | 8797    | 13462  | 290061 | <a href="#">Fabiano Hessel</a>                          |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>IoT   Edge-Centric Solutions (edge devices and edge cloud)   RTOS   MPSoC   Smart Cities                                    | 24      | 15          | 0.625               | 48        | 23          | 0.479               | 1916     | 739         | 0.386               |

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| 25         | 8798    | 13463  | 290082 | <a href="#">Andre Krumel Portella</a>                   |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a>          | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre</a>   | 24      | 14          | 0.583               | 35        | 24          | 0.686               | 1915     | 736         | 0.384               |
| 3          | 8799    | 13469  | 290139 | <a href="#">Marcelo Alex De Carvalho</a>                |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Rio de Janeiro IFRJ</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   biologia molecular   | 24      | 17          | 0.708               | 37        | 25          | 0.676               | 1911     | 893         | 0.467               |
| 6          | 8800    | 13470  | 290173 | <a href="#">Leandro Raniero</a>                         |  Brazil   | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>                                    | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotecnologia   | 24      | 16          | 0.667               | 54        | 31          | 0.574               | 1908     | 861         | 0.451               |
| 107        | 8801    | 13471  | 290177 | <a href="#">Carla Daltro</a>                            |  Brazil   | <a href="#">Universidade Federal da Bahia</a>   | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Obesidade   Cirurgia Bariátrica   Apneia Obstrutiva do Sono   Diabetes Mellitus tipo 2 e Doença Hepática Gordurosa não Alcoóli | 24      | 18          | 0.750               | 47        | 28          | 0.596               | 1908     | 788         | 0.413               |
| 376        | 8802    | 13472  | 290180 | <a href="#">Susana Johann</a>                           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                                 | <a href="#">Medical and Health Sciences / Microbiology</a><br>Micologia   diagnóstico e tratamento.   | 24      | 19          | 0.792               | 40        | 34          | 0.850               | 1908     | 1218        | 0.638               |
| 2189       | 8803    | 13474  | 290197 | <a href="#">Eneiva Carla Carvalho Celeghini</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução Animal  | 24      | 20          | 0.833               | 48        | 32          | 0.667               | 1906     | 1063        | 0.558               |
| 2190       | 8804    | 13475  | 290198 | <a href="#">Laura Sichero</a>                           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">Câncer</a>  | 24      | 17          | 0.708               | 40        | 35          | 0.875               | 1906     | 778         | 0.408               |
| 334        | 8805    | 13477  | 290251 | <a href="#">Simone Gnoatto</a>                          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                           | <a href="#">UFRGS</a>   | 24      | 18          | 0.750               | 42        | 39          | 0.929               | 1902     | 1084        | 0.570               |
| 377        | 8806    | 13479  | 290273 | <a href="#">Rosangela Teixeira</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                                 | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Hepatologia   | 24      | 12          | 0.500               | 44        | 16          | 0.364               | 1901     | 419         | 0.220               |
| 59         | 8807    | 13481  | 290296 | <a href="#">Felipe Bohn</a>                             |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>                               | <a href="#">Natural Sciences / Physics</a><br>Física  | 24      | 19          | 0.792               | 51        | 36          | 0.706               | 1899     | 1316        | 0.693               |
| 80         | 8808    | 13482  | 290302 | <a href="#">Kátia Bones Rocha</a>                       |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a>               | <a href="#">Social Sciences / Psychology</a><br>Psicologia social   Psicologia da Saúde   Saúde Coletiva   Desigualdades em Saúde   | 24      | 19          | 0.792               | 40        | 30          | 0.750               | 1899     | 1147        | 0.604               |



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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2191       | 8809    | 13483  | 290322 | <a href="#">Edison De Jesus Manoel</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">da UniversidSão Paulo</a><br>Desenvolvimento Humano   | 24      | 10          | 0.417               | 50        | 11          | 0.220               | 1897     | 446         | 0.235               |
| 348        | 8810    | 13484  | 290334 | <a href="#">Norton Heise</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry and Molecular Biology  | 24      | 13          | 0.542               | 34        | 21          | 0.618               | 1897     | 542         | 0.286               |
| 600        | 8811    | 13485  | 290343 | <a href="#">Patricia Moriel</a>                         |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmácia Clínica  | 24      | 19          | 0.792               | 50        | 43          | 0.860               | 1896     | 1134        | 0.598               |
| 2192       | 8812    | 13486  | 290344 | <a href="#">Samuel Porfirio Xavier</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Bone grafts   Oral Implantology   Orthognathic Surgery   Tumour Surgeries   Maxilo-Mandibular Reconstruction | 24      | 18          | 0.750               | 44        | 31          | 0.705               | 1896     | 900         | 0.475               |
| 601        | 8813    | 13487  | 290361 | <a href="#">Maria Francisca Colella Santos</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Medical and Health Sciences / Audiology and Speech Pathology</a><br>audiologia  | 24      | 16          | 0.667               | 53        | 28          | 0.528               | 1894     | 842         | 0.445               |
| 2193       | 8814    | 13488  | 290382 | <a href="#">Nicolau Reinhard</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Business &amp; Management / Strategic Management</a><br>management  | 24      | 12          | 0.500               | 48        | 15          | 0.313               | 1893     | 557         | 0.294               |
| 2194       | 8815    | 13489  | 290395 | <a href="#">Márcio Teixeira Do Nascimento Varella</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Physics</a><br>Física   Química Quântica   | 24      | 13          | 0.542               | 63        | 22          | 0.349               | 1892     | 741         | 0.392               |
| 335        | 8816    | 13490  | 290397 | <a href="#">Jaime Cobuci</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia  | 24      | 16          | 0.667               | 55        | 34          | 0.618               | 1892     | 901         | 0.476               |
| 171        | 8817    | 13493  | 290431 | <a href="#">George Teodoro</a>                          |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                     | <a href="#">MinasGerais</a><br>HPC   Biomedical Informatics   Content-based Multimedia Information Retrieval   Computer Systems   | 24      | 16          | 0.667               | 47        | 30          | 0.638               | 1890     | 979         | 0.518               |
| 114        | 8818    | 13494  | 290434 | <a href="#">Polyana Pizzi Rotta</a>                     |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>               | <a href="#">UNIVERSIDAFEDERALVICOSA</a>   | 24      | 15          | 0.625               | 43        | 26          | 0.605               | 1890     | 768         | 0.406               |
| 2195       | 8819    | 13496  | 290475 | <a href="#">Herakles Antonio Garcia Perez</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitology   Molecular biology   Molecular epidemiology   Philogeography                                | 24      | 18          | 0.750               | 42        | 28          | 0.667               | 1888     | 854         | 0.452               |
| 9          | 8820    | 13498  | 290492 | <a href="#">Daniel Cardoso Carvalho</a>                 |  Brazil | <a href="#">Pontificia Universidade Católica do Minas Gerais</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Conservation Biology   Molecular Biology  | 24      | 18          | 0.750               | 36        | 26          | 0.722               | 1887     | 1248        | 0.661               |
| 16         | 8821    | 13499  | 290502 | <a href="#">Lucas Marques</a>                           |  Brazil | <a href="#">Universidade Federal do Piauí</a>                    | <a href="#">Universidade Federal do Piauí</a><br>Visão Computacional  | 24      | 20          | 0.833               | 54        | 42          | 0.778               | 1886     | 1357        | 0.720               |
| 8          | 8822    | 13500  | 290504 | <a href="#">Marcelo Perim Baldo</a>                     |  Brazil | <a href="#">Universidade Estadual de Montes Claros UNIMONTES</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Cardiovascular  | 24      | 20          | 0.833               | 52        | 34          | 0.654               | 1886     | 1075        | 0.570               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 193   | 8823    | 13502  | 290513 | <a href="#">Alvaro Toubes Prata</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Heat Transfer   Fluid Mechanics  | 24      | 12          | 0.500               | 53        | 16          | 0.302               | 1885     | 447         | 0.237               |
| 94  | 8824    | 13503  | 290522 | <a href="#">Beate Saegesser Santos</a>              |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química coloidal   pontos quânticos   nanotecnologia  | 24      | 18          | 0.750               | 63        | 37          | 0.587               | 1884     | 944         | 0.501               |
| 2196  | 8825    | 13505  | 290526 | <a href="#">Antonio Carlos Silva Costa Teixeira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>processos oxidativos avançados   tratamento de ar   água e efluentes   persistência fotoquímica ambiental   poluentes de interes | 24      | 19          | 0.792               | 45        | 34          | 0.756               | 1884     | 1107        | 0.588               |
| 2197  | 8826    | 13506  | 290544 | <a href="#">Erikson Felipe Furtado</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psiquiatria   Psiquiatria da Infância e Adolescência  | 24      | 13          | 0.542               | 40        | 20          | 0.500               | 1883     | 716         | 0.380               |
| 35  | 8827    | 13509  | 290572 | <a href="#">Andréa Cardoso Araujo</a>               |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Plant-hummingbird interactions   community ecology   plant ecology   | 24      | 17          | 0.708               | 39        | 30          | 0.769               | 1881     | 1002        | 0.533               |
| 172   | 8828    | 13510  | 290596 | <a href="#">Fernando Mascarenhas</a>                |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Education / Education</a><br>Políticas   Esporte   Lazer   Educação Física  | 24      | 17          | 0.708               | 47        | 28          | 0.596               | 1879     | 961         | 0.511               |
| 336   | 8829    | 13514  | 290629 | <a href="#">Paulo Visentini</a>                     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / International Relations</a><br>Relações Internacionais   Conflitos no Século XX   Política Exterior do Brasil   África   Ásia e Oriente Médio                             | 24      | 16          | 0.667               | 44        | 30          | 0.682               | 1877     | 836         | 0.445               |
| 2198  | 8830    | 13515  | 290630 | <a href="#">Flora Maria Barbosa Da Silva</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">NHSLondon</a><br>Sexual Health   Maternal Health   Perinatal Health   Epidemiology  | 24      | 18          | 0.750               | 42        | 27          | 0.643               | 1877     | 909         | 0.484               |
| 208   | 8831    | 13518  | 290685 | <a href="#">Kelly Salomão Salem</a>                 |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Celular   quimioterapia   parasitologia   | 24      | 17          | 0.708               | 25        | 22          | 0.880               | 1874     | 594         | 0.317               |
| 5   | 8832    | 13519  | 290722 | <a href="#">Carlos Antonio Da Silva Junior</a>      |  Brazil | <a href="#">Universidade do Estado de Mato Grosso UNEMAT</a>    | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Remote Sensing   LULCC   Environment   Spatial Analysis   Climate Change                                      | 24      | 22          | 0.917               | 58        | 48          | 0.828               | 1870     | 1678        | 0.897               |
| 2199  | 8833    | 13520  | 290775 | <a href="#">Ives Cláudio Da Silva Bueno</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Science   | 24      | 16          | 0.667               | 38        | 24          | 0.632               | 1867     | 753         | 0.403               |
| 349   | 8834    | 13521  | 290791 | <a href="#">Mauro De Freitas Rebelo</a>             |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular biology   Marine ecotoxicology   | 24      | 16          | 0.667               | 35        | 27          | 0.771               | 1866     | 677         | 0.363               |
| 1   | 8835    | 13522  | 290799 | <a href="#">Reginaldo Brito Da Costa</a>            |  Brazil | <a href="#">Universidade Católica Dom Bosco</a>                 | <a href="#">DomBoscoUCDB</a><br>Melhoramento genético florestal   | 24      | 13          | 0.542               | 55        | 21          | 0.382               | 1865     | 749         | 0.402               |
| 209   | 8836    | 13524  | 290822 | <a href="#">Alessandra Guarneri</a>                 |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Instituto René Rachou, FIOCRUZ</a><br>vector-parasite interaction   behavior   insect physiology   trypanosome   triatomine   | 24      | 18          | 0.750               | 39        | 30          | 0.769               | 1864     | 1070        | 0.574               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 602   | 8837    | 13525  | 290830 | <a href="#">Luiz Gustavo Oliveira Brito</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Gynecological Surgery  | 24      | 20          | 0.833               | 54        | 41          | 0.759               | 1863     | 1279        | 0.687               |
| 194   | 8838    | 13527  | 290878 | <a href="#">Josiel B Domingos</a>                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalysis   Bioorthogonal Chemistry   Organic Chemistry   | 24      | 16          | 0.667               | 42        | 28          | 0.667               | 1860     | 770         | 0.414               |
| 19  | 8839    | 13530  | 290908 | <a href="#">Ismar Frango Silveira</a>                |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                   | <a href="#">PresbiterianaMackenzieCruzeiroSul</a><br>Jogos   Informática na educação   Engenharia de Software   Ensino de Ciências e Matemática                       | 24      | 17          | 0.708               | 48        | 30          | 0.625               | 1857     | 1178        | 0.634               |
| 97  | 8840    | 13531  | 290912 | <a href="#">Mara Dellaroza</a>                       |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | saúde pública   enfermagem   saúde do idoso   | 24      | 18          | 0.750               | 43        | 25          | 0.581               | 1857     | 865         | 0.466               |
| 566   | 8841    | 13532  | 290943 | <a href="#">Antonio De Goes</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia e manejo de doenças de plantas  | 24      | 12          | 0.500               | 48        | 15          | 0.313               | 1855     | 675         | 0.364               |
| 337   | 8842    | 13533  | 290948 | <a href="#">Carlos Tadeu Pippi Salle</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>artificial intelligence   Escherichia coli   Avian pathology   Avian diseases   mathematical model | 24      | 17          | 0.708               | 45        | 31          | 0.689               | 1855     | 883         | 0.476               |
| 60  | 8843    | 13535  | 290966 | <a href="#">Eduardo Silva</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Ciência da Computação  | 24      | 13          | 0.542               | 53        | 21          | 0.396               | 1853     | 747         | 0.403               |
| 350   | 8844    | 13536  | 290983 | <a href="#">Alessandra Choqueta De Toledo Arruda</a> |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>rehabilitation   respiratory diseases   exercise   inflammation  | 24      | 19          | 0.792               | 35        | 29          | 0.829               | 1852     | 1069        | 0.577               |
| 567   | 8845    | 13537  | 291061 | <a href="#">Marcos Ricardo Bornschein</a>            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Ornithology   Herpetology   Ecology of salt marshes   | 24      | 15          | 0.625               | 46        | 25          | 0.543               | 1846     | 834         | 0.452               |
| 215   | 8846    | 13539  | 291095 | <a href="#">Isabel Quadros</a>                       |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | Neurobiology of Drug Abuse   Stress   Animal Models   Psychopharmacology  | 24      | 15          | 0.625               | 31        | 20          | 0.645               | 1844     | 698         | 0.379               |
| 14  | 8847    | 13540  | 291098 | <a href="#">Ronan Xavier Corrêa</a>                  |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   resistência de plantas a doenças   marcador molecular                               | 24      | 16          | 0.667               | 53        | 27          | 0.509               | 1843     | 816         | 0.443               |
| 216   | 8848    | 13543  | 291135 | <a href="#">Débora Amado Scerni</a>                  |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociência   epilepsia   desenvolvimento   neuroendocrinologia  | 24      | 11          | 0.458               | 45        | 16          | 0.356               | 1840     | 589         | 0.320               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2200  | 8849    | 13546  | 291178 | <a href="#">Ana Paula Ramos</a>                                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Chemical Sciences</a><br>physical chemistry of surfaces   biomaterials   biomineralization   | 24      | 18          | 0.750               | 52        | 46          | 0.885               | 1837     | 1419        | 0.772               |
| 64  | 8850    | 13547  | 291180 | <a href="#">Acácio Aparecido De Castro Andrade</a>                 |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">Natural Sciences / Physics</a><br>Física geral   ótica não linear   propriedades térmicas   | 24      | 11          | 0.458               | 45        | 14          | 0.311               | 1837     | 518         | 0.282               |
| 2201  | 8851    | 13548  | 291183 | <a href="#">José Fabián Schneider</a>                              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">UniversidSão Paulo</a><br>Ressonância Magnética Nuclear   materiais amorfos   vidros  | 24      | 17          | 0.708               | 38        | 23          | 0.605               | 1837     | 731         | 0.398               |
| 338   | 8852    | 13549  | 291203 | <a href="#">Marcelo Lazzaron Lamers</a>                            |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cell migration   cell adhesion   tumor biology   invasion   metastasis                                     | 24      | 17          | 0.708               | 35        | 27          | 0.771               | 1836     | 1070        | 0.583               |
| 603   | 8853    | 13550  | 291214 | <a href="#">Arlete Fernandes</a>                                   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">JoãoConceiçãoFernandes</a><br>medicina  | 24      | 17          | 0.708               | 43        | 26          | 0.605               | 1834     | 884         | 0.482               |
| 65  | 8854    | 13553  | 291235 | <a href="#">Stefan Vilges De Oliveira</a>                          |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>              | <a href="#">SaúColetivaUberlândia</a><br>Zoonoses   Epidemiologia   Vigilância em Saúde   | 24      | 20          | 0.833               | 56        | 48          | 0.857               | 1832     | 1469        | 0.802               |
| 9   | 8855    | 13555  | 291242 | <a href="#">Sergio A Netto Netto, SA, Sergio Antonio Netto</a>     |  Brazil   | <a href="#">Universidade do Sul de Santa Catarina UNISUL</a>    | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>oceanography   benthos   macrofauna   meiofauna   | 24      | 15          | 0.625               | 40        | 25          | 0.625               | 1832     | 737         | 0.402               |
| 77  | 8856    | 13556  | 291248 | <a href="#">Rodolfo Dino</a>                                       |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   Estratigrafia   Bioestratigrafia   Paleopalínologia   | 24      | 13          | 0.542               | 43        | 22          | 0.512               | 1831     | 741         | 0.405               |
| 98  | 8857    | 13557  | 291252 | <a href="#">José Marcelo Torezan</a>                               |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>               | <a href="#">Natural Sciences / Biological Science</a><br>ecology   ecological restoration   | 24      | 15          | 0.625               | 41        | 26          | 0.634               | 1831     | 908         | 0.496               |
| 173   | 8858    | 13558  | 291254 | <a href="#">Rodrigo Luiz Carregaro</a>                             |  Brazil | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Exercício Resistido   Avaliação de Tecnologias em Saúde   Avaliação Econômica em Saúde   Dor Lombar | 24      | 18          | 0.750               | 40        | 26          | 0.650               | 1831     | 1110        | 0.606               |
| 2202  | 8859    | 13559  | 291305 | <a href="#">Igor Cesarino</a>                                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Plant Science  | 24      | 19          | 0.792               | 27        | 25          | 0.926               | 1828     | 1319        | 0.722               |
| 2   | 8860    | 13561  | 291311 | <a href="#">Patricia Nivoloni Tannure</a>                          |  Brazil | <a href="#">Universidade Veiga de Almeida</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 24      | 17          | 0.708               | 45        | 35          | 0.778               | 1827     | 1022        | 0.559               |
| 2203  | 8861    | 13562  | 291315 | <a href="#">Tiago M Franco Tiago Mauricio Franco, Tiago Franco</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">ArtesHumanidades</a><br>Abelhas   Genética da Conservação   Genômica   Morfometria  | 24      | 19          | 0.792               | 39        | 35          | 0.897               | 1827     | 925         | 0.506               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 195   | 8862    | 13564  | 291336 | <a href="#">Erasmio Benicio Santos De Moraes Trindade</a> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunomodulação   microbiota intestinal   ômega-3   prebiótico   simbiótico | 24      | 17          | 0.708               | 34        | 26          | 0.765               | 1826     | 1153        | 0.631               |
| 78  | 8863    | 13567  | 291358 | <a href="#">Verônica Morandi</a>                          |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology  | 24      | 14          | 0.583               | 33        | 23          | 0.697               | 1824     | 477         | 0.262               |
| 3   | 8864    | 13569  | 291386 | <a href="#">Tania Bresolin</a>                            |  Brazil   | <a href="#">Universidade do Vale do Itajaí UNIVALI</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>analytical chemistry   pharmaceutical sciences                                 | 24      | 14          | 0.583               | 52        | 27          | 0.519               | 1821     | 725         | 0.398               |
| 19  | 8865    | 13570  | 291391 | <a href="#">Edgar A Sanches</a>                           |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                  | <a href="#">Natural Sciences / Physics</a><br>Nanotecnologia   Nanocompósitos   Polímeros   Difração de Raios X                        | 24      | 21          | 0.875               | 41        | 40          | 0.976               | 1821     | 1423        | 0.781               |
| 2204  | 8866    | 13571  | 291410 | <a href="#">Rodrigo Abensur Athanzio</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Pneumologia   Bronquiectasia   Fibrose Cística   Asma                  | 24      | 19          | 0.792               | 43        | 32          | 0.744               | 1819     | 1264        | 0.695               |
| 9   | 8867    | 13572  | 291442 | <a href="#">João Miranda</a>                              |  Brazil   | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">Natural Sciences / Biological Science</a><br>Mammalogy   Primates   Chiroptera   Bats                                      | 24      | 15          | 0.625               | 52        | 23          | 0.442               | 1816     | 762         | 0.420               |
| 137   | 8868    | 13573  | 291462 | <a href="#">Danilo De Menezes Daloso</a>                  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant biology   guard cell   TCA cycle   thioredoxins   metabolomics     | 24      | 22          | 0.917               | 40        | 39          | 0.975               | 1815     | 1555        | 0.857               |
| 115   | 8869    | 13574  | 291474 | <a href="#">Raphael Bragança Alves Fernandes</a>          |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física e Qualidade do Solo   Agroecologia  | 24      | 18          | 0.750               | 41        | 36          | 0.878               | 1814     | 1198        | 0.660               |
| 154   | 8870    | 13575  | 291483 | <a href="#">Moacir Rossi Forim</a>                        |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   | 24      | 19          | 0.792               | 52        | 42          | 0.808               | 1813     | 1228        | 0.677               |
| 196   | 8871    | 13577  | 291520 | <a href="#">Paulo Emílio Lovato</a>                       |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agriculture   Soil Science   Agroecology                                   | 24      | 14          | 0.583               | 46        | 25          | 0.543               | 1811     | 818         | 0.452               |
| 568   | 8872    | 13578  | 291521 | <a href="#">Ana Lia Anbinder</a>                          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Pathology   Periodontology   | 24      | 16          | 0.667               | 43        | 29          | 0.674               | 1811     | 970         | 0.536               |
| 2205  | 8873    | 13579  | 291546 | <a href="#">Adenilso Simao</a>                            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>software testing   formal methods   software engineering            | 24      | 14          | 0.583               | 57        | 24          | 0.421               | 1809     | 661         | 0.365               |
| 2206  | 8874    | 13580  | 291568 | <a href="#">Jocelem Mastrodi Salgado</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">ESALQ/Pa</a>   | 24      | 16          | 0.667               | 39        | 21          | 0.538               | 1807     | 759         | 0.420               |

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| University | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 378        | 8875    | 13581  | 291574 | <a href="#">Antonio Luiz Marques</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Social Sciences / Psychology</a><br>Resistance to organizational change   occupational stress   leadership and people management   decision making process   inclusion o | 24      | 12          | 0.500               | 49        | 15          | 0.306               | 1806     | 649         | 0.359               |
| 2207       | 8876    | 13584  | 291600 | <a href="#">Marislei Sanches Panobianco</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">SaúMulherEERP/P</a><br>ciências da saúde   | 24      | 15          | 0.625               | 47        | 28          | 0.596               | 1805     | 806         | 0.447               |
| 116        | 8877    | 13585  | 291601 | <a href="#">Leonardo Esteves Lopes</a>   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>   | <a href="#">Brazil</a><br>Ornithology   Taxonomy   Biogeography   Behavioural Ecology   Conservation Biology   | 24      | 15          | 0.625               | 46        | 25          | 0.543               | 1805     | 734         | 0.407               |
| 12         | 8878    | 13586  | 291605 | <a href="#">Perotoni Ca</a>  |  Brazil   | <a href="#">Universidade de Caxias do Sul</a>  | <a href="#">Natural Sciences / Physics</a><br>Física de materiais  | 24      | 10          | 0.417               | 36        | 12          | 0.333               | 1805     | 505         | 0.280               |
| 96         | 8879    | 13590  | 291645 | <a href="#">Fábio M Bayer</a>  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>   | <a href="#">Natural Sciences / Statistics</a><br>Dynamical Models   Likelihood Inference   Regression Models   Signal Processing   Statistical Computing                             | 24      | 19          | 0.792               | 47        | 42          | 0.894               | 1801     | 1238        | 0.687               |
| 155        | 8880    | 13591  | 291652 | <a href="#">Regina V Oliveira</a>  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">bioanalysis LC-MS metabolomics biomarkers biotherapeutics </a><br>bioanalysis   LC-MS   metabolomics   biomarkers   biotherapeutics                                      | 24      | 15          | 0.625               | 35        | 20          | 0.571               | 1801     | 565         | 0.314               |
| 174        | 8881    | 13592  | 291673 | <a href="#">Ricardo Gargano</a>  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>   | <a href="#">Natural Sciences / Physics</a><br>Física atômica e molecular   | 24      | 13          | 0.542               | 67        | 23          | 0.343               | 1799     | 744         | 0.414               |
| 32         | 8882    | 13594  | 291699 | <a href="#">Eliane Pereira Zamith Brito</a>  |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">FGV-EAESP</a><br>marketing   strategy  | 24      | 17          | 0.708               | 41        | 25          | 0.610               | 1798     | 908         | 0.505               |
| 339        | 8883    | 13596  | 291739 | <a href="#">Rosane Gomez</a>   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                                  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   taurina   diabetes   álcool   comportamento                                   | 24      | 17          | 0.708               | 48        | 29          | 0.604               | 1795     | 872         | 0.486               |
| 217        | 8884    | 13597  | 291741 | <a href="#">Paula C Jimenez</a>  |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | <a href="#">Universidade Federal de São Paulo</a>  | 24      | 18          | 0.750               | 45        | 36          | 0.800               | 1795     | 1006        | 0.560               |
| 210        | 8885    | 13599  | 291766 | <a href="#">Guilherme Ramires De Jesús Guilherme R R Jesus, GR de Jesus, GRR Jesus</a> |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>Obstetrícia   Reumatologia   Medicina Fetal   | 24      | 20          | 0.833               | 31        | 29          | 0.935               | 1793     | 1156        | 0.645               |
| 99         | 8886    | 13602  | 291791 | <a href="#">Adelaide Del Pino Beleia</a>   |  Brazil | <a href="#">Universidade Estadual de Londrina</a>  | <a href="#">Universidade Estadual de Londrina</a>  | 24      | 14          | 0.583               | 36        | 18          | 0.500               | 1791     | 587         | 0.328               |
| 2208       | 8887    | 13603  | 291796 | <a href="#">Myrian Nunomura</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Education / Education</a><br>Educação Física   Esporte   Educação   Pedagogia do Esporte   Ginástica   | 24      | 18          | 0.750               | 58        | 35          | 0.603               | 1790     | 923         | 0.516               |




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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 42         | 8888    | 13604  | 291800 | <a href="#">Glaucaia Abreu</a>                          |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   medicina   cardiovascular  | 24      | 15          | 0.625               | 50        | 20          | 0.400               | 1790     | 694         | 0.388               |
| 569        | 8889    | 13605  | 291801 | <a href="#">Mirela Tinucci Costa</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">UniversidEstadual Paulista (UnespCampus JaboticabalBrasil)</a><br>Clínica de cães e gatos   Imunopatologia   Oncologia                  | 24      | 15          | 0.625               | 47        | 30          | 0.638               | 1790     | 911         | 0.509               |
| 2209       | 8890    | 13606  | 291802 | <a href="#">Leandro Luiz Giatti</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a>  | 24      | 20          | 0.833               | 46        | 36          | 0.783               | 1790     | 1233        | 0.689               |
| 156        | 8891    | 13608  | 291814 | <a href="#">Rosely Figueiredo</a>                       |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">EnfermagemSÃO Carlos</a><br>Controle de Infecção  | 24      | 16          | 0.667               | 48        | 26          | 0.542               | 1789     | 781         | 0.437               |
| 138        | 8892    | 13610  | 291825 | <a href="#">Eduardo Henrique Silva Sousa</a>            |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Bioinorganic chemistry   Heme-based Sensors   Metallodrugs                                  | 24      | 16          | 0.667               | 50        | 42          | 0.840               | 1788     | 1013        | 0.567               |
| 139        | 8893    | 13613  | 291853 | <a href="#">Diego Lomonaco</a>                          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biomassa   Química de Polímeros   Benzoxazinas   Química Verde                              | 24      | 21          | 0.875               | 48        | 43          | 0.896               | 1786     | 1348        | 0.755               |
| 108        | 8894    | 13614  | 291857 | <a href="#">Adriana Oliveira Medeiros</a>               |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | Microbiologia Ambiental   ecologia  | 24      | 19          | 0.792               | 35        | 32          | 0.914               | 1786     | 1075        | 0.602               |
| 61         | 8895    | 13616  | 291867 | <a href="#">Antonio De Lisboa Lopes Costa</a>           |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Medical and Health Sciences / Pathology</a><br>PATOLOGIA   ESTOMATOLOGIA   IMUNOHISTOQUÍMICA   BIOLOGIA MOLECULAR                       | 24      | 15          | 0.625               | 43        | 21          | 0.488               | 1785     | 627         | 0.351               |
| 196        | 8896    | 13617  | 291868 | <a href="#">Gilberto Omar Tomm</a>                      |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Crop Sciences</a><br>Canola   peas   crop science   crop management  | 24      | 11          | 0.458               | 43        | 13          | 0.302               | 1785     | 452         | 0.253               |
| 2210       | 8897    | 13619  | 291887 | <a href="#">Ricardo Vessecchi</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Físico-Química   Physical Chemistry   Computational Chemistry   Mass Spectrometry | 24      | 14          | 0.583               | 42        | 22          | 0.524               | 1784     | 922         | 0.517               |
| 2211       | 8898    | 13620  | 291890 | <a href="#">Marcia Branciforti</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymer   | 24      | 17          | 0.708               | 39        | 24          | 0.615               | 1784     | 873         | 0.489               |
| 570        | 8899    | 13621  | 291897 | <a href="#">Katia Denise Saraiva Bresciani</a>          |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia e Controle de Enfermidades Parasitárias dos Animais   | 24      | 15          | 0.625               | 54        | 37          | 0.685               | 1783     | 923         | 0.518               |
| 13         | 8900    | 13622  | 291899 | <a href="#">Mauricio Moura Da Silveira</a>              |  Brazil | <a href="#">Universidade de Caxias do Sul</a>                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Bioprocessos e Bioengenharia                              | 24      | 16          | 0.667               | 45        | 24          | 0.533               | 1783     | 699         | 0.392               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 136   | 8901    | 13623  | 291906 | <a href="#">Patrick Schmidt</a>                     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Ruminant nutrition   forage conservation  | 24      | 12          | 0.500               | 33        | 16          | 0.485               | 1783     | 636         | 0.357               |
| 2212  | 8902    | 13626  | 291934 | <a href="#">Daniela Carlos</a>                      | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 24      | 19          | 0.792               | 37        | 29          | 0.784               | 1780     | 1041        | 0.585               |
| 351   | 8903    | 13628  | 291948 | <a href="#">Bruno Pontes</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology   Biophysics   Mechanobiology   Membrane   Cytoskeleton  | 24      | 20          | 0.833               | 31        | 30          | 0.968               | 1779     | 1233        | 0.693               |
| 340   | 8904    | 13631  | 291981 | <a href="#">Rita Mc De Almeida</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Gene expression   foams   statistical mechanics   | 24      | 12          | 0.500               | 46        | 18          | 0.391               | 1776     | 408         | 0.230               |
| 43  | 8905    | 13632  | 291997 | <a href="#">Francisco Guilherme Emmerich</a>        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Espírito Santo</a>                      | <a href="#">Natural Sciences / Physics</a><br>Carbon materials   Ceramic materials   Brittle Fracture   Condensed Matter Physics   Materials Science and Engineering                     | 24      | 15          | 0.625               | 38        | 21          | 0.553               | 1775     | 675         | 0.380               |
| 2213  | 8906    | 13634  | 292039 | <a href="#">Jonas Gruber</a>                        | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>conducting polymers   conductive polymers   gas sensor   electronic nose   | 24      | 16          | 0.667               | 54        | 22          | 0.407               | 1772     | 752         | 0.424               |
| 157   | 8907    | 13635  | 292047 | <a href="#">Marisa Silvana Zazzetta</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                          | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Gerontologia   | 24      | 21          | 0.875               | 40        | 36          | 0.900               | 1772     | 1282        | 0.723               |
| 33  | 8908    | 13638  | 292073 | <a href="#">Alexandre H. Campos</a>                 | <br><a href="#">Brazil</a>   | <a href="#">Hospital Israelita Albert Einstein</a>                          | <a href="#">Médico Pesquisador</a><br>Nefrologia   biologia molecular  | 24      | 13          | 0.542               | 39        | 20          | 0.513               | 1770     | 564         | 0.319               |
| 81  | 8909    | 13641  | 292169 | <a href="#">Ricardo M Papaléo</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Physics</a><br>radiation physics   nanomaterials   medical physics   polymers   | 24      | 12          | 0.500               | 52        | 15          | 0.288               | 1763     | 474         | 0.269               |
| 66  | 8910    | 13642  | 292170 | <a href="#">Elisa Sotelino</a>                      | <br><a href="#">Brazil</a>  | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">PUC-Rio</a>  | 24      | 12          | 0.500               | 47        | 15          | 0.319               | 1763     | 637         | 0.361               |
| 2214  | 8911    | 13643  | 292173 | <a href="#">Anderson Rodrigo Moraes De Oliveira</a> | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Analytical Chemistry   Chiral analysis   in vitro metabolismo  | 24      | 18          | 0.750               | 44        | 32          | 0.727               | 1763     | 1041        | 0.590               |
| 352   | 8912    | 13644  | 292190 | <a href="#">Roney L Thompson</a>                    | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Mecânica de Fluidos Não Newtonianos   Escoamentos de fluidos complexos   Turbulência de fluidos não newtonianos | 24      | 19          | 0.792               | 50        | 38          | 0.760               | 1761     | 1165        | 0.662               |
| 218   | 8913    | 13645  | 292202 | <a href="#">Enedina Maria Lobato De Oliveira</a>    | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | Multiple sclerosis   Neuromyelitis optica   demyelinating diseases   | 24      | 15          | 0.625               | 34        | 21          | 0.618               | 1761     | 627         | 0.356               |

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| University | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2215       | 8914    | 13647  | 292221 | <a href="#">Maria Luisa Paço Larson</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">DoBiologiCelularMolecularEMRP/P</a><br>expressão e função gênica  | 24      | 10          | 0.417               | 44        | 12          | 0.273               | 1759     | 353         | 0.201               |
| 2216       | 8915    | 13649  | 292224 | <a href="#">Karin Kirchgatter</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">SUCEN/IMT/USP</a>   | 24      | 16          | 0.667               | 41        | 25          | 0.610               | 1759     | 774         | 0.440               |
| 116        | 8916    | 13650  | 292231 | <a href="#">Humberto Milani</a>                         |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Isquemia cerebral   doenças neurodegenerativas   neuroproteção                        | 24      | 16          | 0.667               | 52        | 27          | 0.519               | 1758     | 931         | 0.530               |
| 11         | 8917    | 13651  | 292242 | <a href="#">Pedro Ivo Da Silva Maia</a>                 |  Brazil   | <a href="#">Universidade Federal do Triângulo Mineiro UFTM</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Inorgânica   Bioinorgânica   Cristalografia   | 24      | 19          | 0.792               | 31        | 26          | 0.839               | 1758     | 962         | 0.547               |
| 95         | 8918    | 13652  | 292247 | <a href="#">José Eduardo Garcia</a>                     |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética da Conservação   Genética de Fauna                                  | 24      | 12          | 0.500               | 49        | 18          | 0.367               | 1757     | 611         | 0.348               |
| 341        | 8919    | 13653  | 292258 | <a href="#">Florença M Barbé Tuana</a>                  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">UFRGS</a><br>Molecular Immunology   | 24      | 19          | 0.792               | 35        | 29          | 0.829               | 1757     | 1136        | 0.647               |
| 175        | 8920    | 13654  | 292264 | <a href="#">Gerson Cipriano Jr</a>                      |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   exercício   reabilitação cardiovascular   fisioterapia cardiovascular | 24      | 18          | 0.750               | 47        | 33          | 0.702               | 1756     | 1035        | 0.589               |
| 571        | 8921    | 13655  | 292279 | <a href="#">Cristiano Magalhães Pariz</a>               |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Zootecnia</a><br>Forage and pasture   Integrated crop-livestock systems   | 24      | 19          | 0.792               | 50        | 37          | 0.740               | 1754     | 1039        | 0.592               |
| 109        | 8922    | 13657  | 292290 | <a href="#">Viviane Sarmiento</a>                       |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                          | Diagnostico por imagens   Lesoes bucais   | 24      | 14          | 0.583               | 53        | 22          | 0.415               | 1753     | 743         | 0.424               |
| 114        | 8923    | 13660  | 292338 | <a href="#">Maria Gf Vaz</a>                            |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Universidade Federal Fluminense</a>   | 24      | 15          | 0.625               | 50        | 21          | 0.420               | 1750     | 744         | 0.425               |
| 2217       | 8924    | 13661  | 292339 | <a href="#">Rui Imamura</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Otorrinolaringologia   Pesquisa clínica  | 24      | 15          | 0.625               | 48        | 24          | 0.500               | 1750     | 760         | 0.434               |
| 342        | 8925    | 13662  | 292345 | <a href="#">Remus MVD</a>                               |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia   Petrologia   Geoquímica   Metalogenia   Proveniência                    | 24      | 15          | 0.625               | 38        | 23          | 0.605               | 1750     | 677         | 0.387               |
| 2218       | 8926    | 13664  | 292356 | <a href="#">Maria Helena Bezerra Maia De Hollanda</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Universidade de São Paulo</a>   | 24      | 20          | 0.833               | 42        | 38          | 0.905               | 1749     | 1121        | 0.641               |
| 211        | 8927    | 13665  | 292370 | <a href="#">Marco Alberto Medeiros</a>                  |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fiocruz</a>   | 24      | 17          | 0.708               | 43        | 26          | 0.605               | 1748     | 882         | 0.505               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 572   | 8928    | 13666  | 292388 | <a href="#">Neri Alves</a>                            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Natural Sciences / Physics</a><br>Printed electronic   organic electronic   electrical properties   sensors   muscle force                  | 24      | 15          | 0.625               | 44        | 26          | 0.591               | 1747     | 720         | 0.412               |
| 73  | 8929    | 13667  | 292398 | <a href="#">Adelir Aparecida Saczk</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Lavras UFLA</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Eletróquímica e Eletroanalítica   Técnicas de Separação   Segurança Alimentar                   | 24      | 16          | 0.667               | 47        | 27          | 0.574               | 1746     | 873         | 0.500               |
| 219   | 8930    | 13669  | 292407 | <a href="#">Ana Cristina Freitas De Vilhena Abrão</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                 | <a href="#">São Paulo UNIFESP</a><br>Enfermagem Obstétrica. Aleitamento Materno.  | 24      | 19          | 0.792               | 51        | 32          | 0.627               | 1745     | 955         | 0.547               |
| 97  | 8931    | 13670  | 292418 | <a href="#">Ângela Giovana Batista</a>                |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                  | <a href="#">bioactive compounds[compostos bioativos][polyphenols][obesity]</a><br>Bioactive compounds   Experimental Nutrition                          | 24      | 21          | 0.875               | 35        | 31          | 0.886               | 1745     | 1295        | 0.742               |
| 137   | 8932    | 13671  | 292439 | <a href="#">Isabela Galarda Varassin</a>              |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                            | <a href="#">Natural Sciences / Biological Science</a><br>Conservation Biology   Frugivory   Hummingbirds   Interactions   Pollination                   | 24      | 20          | 0.833               | 42        | 36          | 0.857               | 1743     | 1052        | 0.604               |
| 44  | 8933    | 13673  | 292446 | <a href="#">Valery Shchesnovich</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do ABC UFABC</a>                         | <a href="#">Natural Sciences / Physics</a><br>theoretical physics & mathematics   | 24      | 16          | 0.667               | 49        | 22          | 0.449               | 1742     | 755         | 0.433               |
| 197   | 8934    | 13675  | 292482 | <a href="#">Francisco Ferraz Laranjeira</a>           |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Ecology of Plant Pathogens   Pest Management   Invasive Pests   Plant Pathology   Epidemiology | 24      | 12          | 0.500               | 56        | 18          | 0.321               | 1739     | 591         | 0.340               |
| 115   | 8935    | 13677  | 292487 | <a href="#">Alexandre Plastino</a>                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Mining   Combinatorial Optimization   | 24      | 17          | 0.708               | 45        | 30          | 0.667               | 1739     | 1049        | 0.603               |
| 7   | 8936    | 13678  | 292491 | <a href="#">Fabiano Ribeiro Cirano</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade Paulista UNIP</a>                                | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Periodontia   Implantodontia   | 24      | 21          | 0.875               | 40        | 34          | 0.850               | 1739     | 1223        | 0.703               |
| 8   | 8937    | 13681  | 292500 | <a href="#">Gloria Mas Tedrus</a>                     |  <a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Medical and Health Sciences / Neurology</a><br>neurologia   | 24      | 16          | 0.667               | 49        | 23          | 0.469               | 1738     | 754         | 0.434               |
| 4   | 8938    | 13682  | 292502 | <a href="#">Nara Lins Meira Quintão</a>               |  <a href="#">Brazil</a> | <a href="#">Universidade do Vale do Itajaí UNIVALI</a>                    |   | 24      | 18          | 0.750               | 46        | 30          | 0.652               | 1738     | 841         | 0.484               |
| 343   | 8939    | 13683  | 292529 | <a href="#">Fernando Ferrari Filho</a>                |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>           | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia  | 24      | 11          | 0.458               | 53        | 19          | 0.358               | 1736     | 629         | 0.362               |
| 2219  | 8940    | 13685  | 292538 | <a href="#">Elvira Maria Guerra Shinohara</a>         |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">UniversidSão Paulo</a>  | 24      | 14          | 0.583               | 40        | 18          | 0.450               | 1736     | 473         | 0.272               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 573   | 8941    | 13686  | 292544 | <a href="#">Luis Henrique Zanini Branco</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">UNESP</a>  | 24      | 12          | 0.500               | 54        | 16          | 0.296               | 1735     | 569         | 0.328               |
| 41  | 8942    | 13687  | 292550 | <a href="#">Luiz Eduardo Maia Nery</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia animal comparada  | 24      | 14          | 0.583               | 42        | 23          | 0.548               | 1735     | 614         | 0.354               |
| 2220  | 8943    | 13688  | 292552 | <a href="#">Kelly Ishida</a>                                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          |  | 24      | 21          | 0.875               | 37        | 31          | 0.838               | 1735     | 1089        | 0.628               |
| 158   | 8944    | 13690  | 292596 | <a href="#">Daniel Rodrigo Leiva</a>                        |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Hydrogen Storage Materials   Severe Plastic Deformation   Patent Analysis   Materials Selection   Engineering Education | 24      | 20          | 0.833               | 50        | 42          | 0.840               | 1731     | 1213        | 0.701               |
| 2221  | 8945    | 13692  | 292613 | <a href="#">Alberto Soares Correa Alberto Soares Corrêa</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Arthropod Molecular Ecology   DNA Barcoding   Population Genomics   Insect Adaptation  | 24      | 20          | 0.833               | 41        | 37          | 0.902               | 1730     | 1150        | 0.665               |
| 379   | 8946    | 13693  | 292620 | <a href="#">Samuel Penna Wanner</a>                         |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | Exercise physiology   systemic inflammation   neuroscience   thermoregulation  | 24      | 17          | 0.708               | 42        | 35          | 0.833               | 1729     | 1212        | 0.701               |
| 2222  | 8947    | 13694  | 292626 | <a href="#">Daniel Lemos</a>                                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aquaculture   nutrition   feeding   oceanography   | 24      | 16          | 0.667               | 35        | 26          | 0.743               | 1729     | 774         | 0.448               |
| 604   | 8948    | 13695  | 292653 | <a href="#">Ruann Janser</a>                                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência de Alimentos  | 24      | 23          | 0.958               | 38        | 37          | 0.974               | 1726     | 1452        | 0.841               |
| 353   | 8949    | 13698  | 292683 | <a href="#">Silvana Allodi</a>                              |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biophysics</a><br>Neurobiology   | 24      | 14          | 0.583               | 57        | 24          | 0.421               | 1723     | 702         | 0.407               |
| 2223  | 8950    | 13699  | 292687 | <a href="#">Haroldo Cavalcanti Pinto</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Physical Metallurgy   X-ray Diffraction   Residual Stresses   Texture   Coatings                     | 24      | 18          | 0.750               | 47        | 36          | 0.766               | 1723     | 961         | 0.558               |
| 159   | 8951    | 13700  | 292689 | <a href="#">Claudinei Fonseca Souza</a>                     |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">UFSCar</a><br>Engenharia de Água e Solo  | 24      | 15          | 0.625               | 45        | 24          | 0.533               | 1723     | 1066        | 0.619               |
| 605   | 8952    | 13702  | 292702 | <a href="#">Edvaldo Sabadini</a>                            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Universidade Estadual de Campinas</a>  | 24      | 15          | 0.625               | 48        | 27          | 0.563               | 1722     | 769         | 0.447               |
| 160   | 8953    | 13703  | 292738 | <a href="#">Mônica Helena Marcon Teixeira Assumpção</a>     |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>analytical chemistry and electrochemistry  | 24      | 20          | 0.833               | 41        | 35          | 0.854               | 1719     | 1098        | 0.639               |

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| University | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2224       | 8954    | 13704  | 292755 | <a href="#">Paulo AV Miranda</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Image Processing   Content-Based Image Retrieval   Pattern Recognition and Machine Learning   Biomedical Imaging Applications | 24      | 15          | 0.625               | 48        | 23          | 0.479               | 1717     | 682         | 0.397               |
| 98         | 8955    | 13705  | 292776 | <a href="#">Fabio Zovico Maxnuck Soares</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais Odontológicos   | 24      | 20          | 0.833               | 42        | 35          | 0.833               | 1715     | 1337        | 0.780               |
| 2225       | 8956    | 13707  | 292782 | <a href="#">Tadeu Fabricio Malheiros</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Engenharia SÃfo Carlos da UniversidSÃfo Paulo</a><br>sustentabilidade   desenvolvimento sustentável   indicadores   gestão ambiental   | 24      | 19          | 0.792               | 34        | 24          | 0.706               | 1715     | 1042        | 0.608               |
| 161        | 8957    | 13712  | 292842 | <a href="#">Marisa Bittar</a>                           |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                        | <a href="#">History, Philosophy, Theology / History</a><br>História da Educação   Políticas Educacionais   História do Brasil   Educação Comparada   | 24      | 14          | 0.583               | 38        | 19          | 0.500               | 1709     | 762         | 0.446               |
| 176        | 8958    | 13713  | 292851 | <a href="#">Adalberto Corrêa Café Filho</a>             |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                              | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Disease Epidemiology   Plant Pathology   Fitopatologia   | 24      | 13          | 0.542               | 54        | 23          | 0.426               | 1708     | 633         | 0.371               |
| 212        | 8959    | 13716  | 292908 | <a href="#">Kátia Calabrese</a>                         |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunoparasitologia   biologia celular e molecular   leishmaniose   toxoplasmose   doença de Chagas                                   | 24      | 17          | 0.708               | 60        | 33          | 0.550               | 1703     | 868         | 0.510               |
| 140        | 8960    | 13717  | 292913 | <a href="#">William Paschoal</a>                        |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                             | <a href="#">Natural Sciences / Physics</a><br>Física   Engenharia e ciências dos Materiais   Química   | 24      | 17          | 0.708               | 44        | 28          | 0.636               | 1703     | 888         | 0.521               |
| 574        | 8961    | 13718  | 292940 | <a href="#">Elenice Deffune</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | Health   Biotechnology   | 24      | 18          | 0.750               | 45        | 30          | 0.667               | 1701     | 899         | 0.529               |
| 49         | 8962    | 13720  | 292961 | <a href="#">Augusto Schneider</a>                       |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                     | <a href="#">UniversidaPelotas</a><br>Reproduction   Aging   Nutrition  | 24      | 21          | 0.875               | 58        | 52          | 0.897               | 1699     | 1345        | 0.792               |
| 9          | 8963    | 13721  | 292974 | <a href="#">Lineu Correa Fonseca</a>                    |  Brazil | <a href="#">Pontificia Universidade Católica do Campinas PUC-CAMPINAS</a> | <a href="#">Medical and Health Sciences / Neurology</a><br>neurologia  | 24      | 15          | 0.625               | 45        | 19          | 0.422               | 1698     | 618         | 0.364               |
| 213        | 8964    | 13722  | 292980 | <a href="#">Marcio Sobreira Silva Araujo</a>            |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                     | <a href="#">Instituto Rene Rachou - FIOCRUZ Minas</a>  | 24      | 15          | 0.625               | 50        | 35          | 0.700               | 1697     | 840         | 0.495               |
| 2226       | 8965    | 13723  | 292996 | <a href="#">Ademir Felipe Schultz De Arruda</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                             | <a href="#">Ed.FísicEEsporte</a>   | 24      | 22          | 0.917               | 35        | 33          | 0.943               | 1696     | 1215        | 0.716               |
| 117        | 8966    | 13724  | 293001 | <a href="#">Alisson Carraro Borges</a>                  |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                        | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Engenharia Sanitária   Saneamento Ambiental   Tratamento de Águas de Abastecimento e Residuárias       | 24      | 18          | 0.750               | 57        | 42          | 0.737               | 1695     | 1120        | 0.661               |
| 575        | 8967    | 13725  | 293002 | <a href="#">Odair Aparecido Fernandes</a>               |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>    | <a href="#">Natural Sciences / Biological Science</a><br>Insect Ecology   Integrated Pest Management   Biological Control  | 24      | 16          | 0.667               | 54        | 29          | 0.537               | 1695     | 857         | 0.506               |



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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 117   | 8968    | 13726  | 293016 | <a href="#">Raquel Guttieres Gomes</a>           |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                        | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Engenharia   ciencia e tecnologia de alimentos   biotecnologia                  | 24      | 21          | 0.875               | 37        | 34          | 0.919               | 1694     | 1456        | 0.860               |
| 380   | 8969    | 13727  | 293017 | <a href="#">Andre Hora</a>                       |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Evolution   Software Maintenance   Software Testing   Mining Software Repositories | 24      | 19          | 0.792               | 35        | 28          | 0.800               | 1694     | 1316        | 0.777               |
| 32  | 8970    | 13728  | 293021 | <a href="#">Celia Raquel Quirino</a>             |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>melhoramento animal   produção animal   | 24      | 13          | 0.542               | 51        | 21          | 0.412               | 1693     | 710         | 0.419               |
| 576   | 8971    | 13729  | 293034 | <a href="#">Elenice Deffune</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">JúlioMesquitFilho</a><br>Hemoterapia   Cultura Celular   biotecnologia   terapia celular   | 24      | 18          | 0.750               | 45        | 30          | 0.667               | 1692     | 897         | 0.530               |
| 344   | 8972    | 13730  | 293044 | <a href="#">Nilo Sergio Medeiros Cardozo</a>     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Universidade Federal do Rio Grande do Sul</a>  | 24      | 18          | 0.750               | 49        | 34          | 0.694               | 1691     | 1029        | 0.609               |
| 197   | 8973    | 13731  | 293045 | <a href="#">Everson Araújo Nunes</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>             | <a href="#">PostalFellowMcMasterUniversityandPhysiological&amp;!</a><br>skeletal muscle   nutrition   physical activity   obesity   cancer                     | 24      | 18          | 0.750               | 48        | 34          | 0.708               | 1691     | 1070        | 0.633               |
| 2227  | 8974    | 13732  | 293046 | <a href="#">Marina Rezende Bazon</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSÃO Paulo</a><br>Psicologia   | 24      | 17          | 0.708               | 48        | 31          | 0.646               | 1691     | 937         | 0.554               |
| 61  | 8975    | 13736  | 293088 | <a href="#">Hélder Antônio Rebelo Pontes</a>     |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia   | 24      | 19          | 0.792               | 56        | 43          | 0.768               | 1687     | 1130        | 0.670               |
| 381   | 8976    | 13738  | 293117 | <a href="#">Ana Flávia Machado</a>               |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia da Cultura  | 24      | 14          | 0.583               | 48        | 20          | 0.417               | 1685     | 660         | 0.392               |
| 141   | 8977    | 13739  | 293147 | <a href="#">Janaina Fonseca Victor</a>           |  Brazil | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">EnfermagemCeará</a><br>Saude do idoso   validação de instrumentos   tecnologia educativa   | 24      | 16          | 0.667               | 43        | 27          | 0.628               | 1683     | 825         | 0.490               |
| 142   | 8978    | 13740  | 293165 | <a href="#">Heliada Vasconcelos Chaves</a>       |  Brazil | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dor e Inflamação  | 24      | 20          | 0.833               | 40        | 35          | 0.875               | 1681     | 997         | 0.593               |
| 577   | 8979    | 13741  | 293179 | <a href="#">Fernando Luiz De Campos Carvalho</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 24      | 8           | 0.333               | 32        | 8           | 0.250               | 1680     | 175         | 0.104               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 143   | 8980    | 13744  | 293222 | <a href="#">Vanda Claudino Sales</a>           |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                    | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geociencias  | 24      | 17          | 0.708               | 37        | 26          | 0.703               | 1676     | 785         | 0.468               |
| 9   | 8981    | 13745  | 293230 | <a href="#">Ana Paula Farina</a>               |  Brazil   | <a href="#">Universidade de Passo Fundo</a>                      | <a href="#">Medical and Health Sciences / Dentistry</a><br>Prótese Dental   | 24      | 20          | 0.833               | 40        | 32          | 0.800               | 1675     | 1014        | 0.605               |
| 30  | 8982    | 13749  | 293255 | <a href="#">Admir Crésio Targino</a>           |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a> | <a href="#">Air pollution Air quality Urban climate Personal exposure Black carbon </a><br>Air pollution   Air quality   Urban climate   Personal exposure   Black carbon | 24      | 21          | 0.875               | 40        | 34          | 0.850               | 1673     | 1183        | 0.707               |
| 382   | 8983    | 13750  | 293260 | <a href="#">Allan Claudius Queiroz Barbosa</a> |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">FACEUniversidMinasGerais</a><br>Saúde   Recursos Humanos   Competências   Inovação  | 24      | 16          | 0.667               | 48        | 24          | 0.500               | 1672     | 826         | 0.494               |
| 606   | 8984    | 13751  | 293285 | <a href="#">Alfredo Rodrigues Vaz</a>          |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>        | <a href="#">Natural Sciences / Physics</a><br>Física e Ciência dos Materiais  | 24      | 16          | 0.667               | 37        | 23          | 0.622               | 1671     | 929         | 0.556               |
| 62  | 8985    | 13754  | 293307 | <a href="#">Leonardo Andrade De Almeida</a>    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>      | <a href="#">Natural Sciences / Physics</a><br>Astronomy & Astrophysics  | 24      | 19          | 0.792               | 37        | 35          | 0.946               | 1669     | 1108        | 0.664               |
| 2228  | 8986    | 13755  | 293323 | <a href="#">Sebastião Ribeiro</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Cerâmicos   | 24      | 10          | 0.417               | 39        | 13          | 0.333               | 1668     | 502         | 0.301               |
| 383   | 8987    | 13756  | 293326 | <a href="#">Eduardo E Alberto</a>              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>        | <a href="#">Natural Sciences / Chemical Sciences</a>  | 24      | 15          | 0.625               | 29        | 19          | 0.655               | 1668     | 574         | 0.344               |
| 2229  | 8988    | 13758  | 293330 | <a href="#">Lia Queiroz Do Amaral</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Natural Sciences / Physics</a><br>Interdisciplinar  | 24      | 10          | 0.417               | 49        | 11          | 0.224               | 1667     | 315         | 0.189               |
| 2230  | 8989    | 13759  | 293334 | <a href="#">Zulma Ferreira</a>                 |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   purinas   melatonina   | 24      | 13          | 0.542               | 33        | 20          | 0.606               | 1667     | 596         | 0.358               |
| 23  | 8990    | 13760  | 293379 | <a href="#">Marcela Filié Haddad</a>           |  Brazil | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>        | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais Dentários. Prótese Dentária. Oclusão.                               | 24      | 17          | 0.708               | 45        | 26          | 0.578               | 1663     | 837         | 0.503               |
| 99  | 8991    | 13761  | 293387 | <a href="#">Liliana Gressler May</a>           |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dental Materials   Prosthodontics  | 24      | 22          | 0.917               | 30        | 30          | 1.000               | 1662     | 1225        | 0.737               |
| 220   | 8992    | 13762  | 293400 | <a href="#">Elisabete Kawakami</a>             |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>        | <a href="#">PaulistMedicina/UNIFESP</a>   | 24      | 13          | 0.542               | 36        | 16          | 0.444               | 1661     | 400         | 0.241               |

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| University  | Country | Region | World  | Name                                    | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 354   | 8993    | 13763  | 293427 | <a href="#">Marcelo Felipe Santiago</a> |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurosciences   Regenerative Medicine   Mesenchymal Cells   Cell Therapy   Microscopy                     | 24      | 16          | 0.667               | 39        | 22          | 0.564               | 1658     | 725         | 0.437               |
| 45  | 8994    | 13764  | 293439 | <a href="#">Rodrigo Lor Cunha</a>       |  Brazil  | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Chemistry   Chemical Synthesis   Chemical Biology   Biochemistry   Enzymology                           | 24      | 15          | 0.625               | 38        | 22          | 0.579               | 1657     | 745         | 0.450               |
| 177   | 8995    | 13765  | 293451 | <a href="#">Jorge C Lucero</a>          |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>voice production   speech production   mathematical modeling   | 24      | 12          | 0.500               | 43        | 15          | 0.349               | 1655     | 446         | 0.269               |
| 198   | 8996    | 13768  | 293501 | <a href="#">Paulo Sp Herrmann Jr.</a>   |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Pesquisador A. Embrapa Instrumentação</a><br>Nano(Bio)sensores   polímeros condutores   microscopia de força atômica   Sensores para Fenotipagem de Plantas | 24      | 15          | 0.625               | 42        | 24          | 0.571               | 1650     | 537         | 0.325               |
| 100   | 8997    | 13769  | 293520 | <a href="#">Marcus Vinícius Tres</a>    |  Brazil  | <a href="#">Universidade Federal de Santa Maria UFSM</a>        | Processos de separação com membranas   equilíbrio de fases   extração   | 24      | 22          | 0.917               | 55        | 43          | 0.782               | 1648     | 1354        | 0.822               |
| 607   | 8998    | 13770  | 293533 | <a href="#">Jorge Herman Behrens</a>    |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Sensory and Consumer Science   | 24      | 17          | 0.708               | 40        | 29          | 0.725               | 1647     | 882         | 0.536               |
| 345   | 8999    | 13771  | 293542 | <a href="#">Otávio Bianchi</a>          |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Polymer reactions   Structure-Property Relationships                        | 24      | 18          | 0.750               | 52        | 35          | 0.673               | 1645     | 913         | 0.555               |
| 608   | 9000    | 13773  | 293556 | <a href="#">Carlos Takakiro Chone</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>Otorhinolaryngology   Head and Neck Surgery  | 24      | 16          | 0.667               | 45        | 24          | 0.533               | 1644     | 802         | 0.488               |

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| 100   | 9001    | 13777  | 293609 | <a href="#">Marli Cardoso Martins Pingue</a>               |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Physiology</a><br>Cardiovascular physiology   | 24      | 14          | 0.583               | 42        | 24          | 0.571               | 1639     | 674         | 0.411               |
| 2231  | 9002    | 13778  | 293610 | <a href="#">Antônio Carlos Frias</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Saúde Bucal Coletiva   | 24      | 17          | 0.708               | 40        | 28          | 0.700               | 1639     | 900         | 0.549               |
| 2232  | 9003    | 13779  | 293616 | <a href="#">Maria José Alves Da Rocha</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Neurociência   Fisiologia   Neuroendócrino   Neuroimunologia                            | 24      | 13          | 0.542               | 53        | 23          | 0.434               | 1638     | 564         | 0.344               |
| 31  | 9004    | 13781  | 293640 | <a href="#">Luis Fernando Glasenapp De Menezes</a>         |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Tecnológica</a>   | 24      | 10          | 0.417               | 52        | 11          | 0.212               | 1635     | 444         | 0.272               |
| 578   | 9005    | 13782  | 293643 | <a href="#">Maria De Lourdes Corradi Custodio Da Silva</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   química de macromoléculas   carboidratos   bioquímica de micro-organismo | 24      | 16          | 0.667               | 40        | 23          | 0.575               | 1635     | 692         | 0.423               |
| 17  | 9006    | 13784  | 293660 | <a href="#">Éder André Gubiani</a>                         |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de peixes   ecologia de reservatórios   manejo pesqueiro   fish ecology           | 24      | 18          | 0.750               | 38        | 29          | 0.763               | 1633     | 1031        | 0.631               |
| 221   | 9007    | 13787  | 293680 | <a href="#">Carolina Pelegrini Barbosa Gracitelli</a>      |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">aafiliada</a><br>medicina   glaucoma   plástica ocular  | 24      | 20          | 0.833               | 37        | 33          | 0.892               | 1631     | 1229        | 0.754               |
| 346   | 9008    | 13790  | 293692 | <a href="#">Cristina Furlanetto</a>                        |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>Astrophysics  | 24      | 22          | 0.917               | 34        | 28          | 0.824               | 1630     | 1313        | 0.806               |
| 198   | 9009    | 13793  | 293703 | <a href="#">Vivian Binder Neis</a>                         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Neurobiologia da depressão   Neuropsicofarmacologia                      | 24      | 22          | 0.917               | 33        | 33          | 1.000               | 1629     | 1136        | 0.697               |
| 10  | 9010    | 13794  | 293727 | <a href="#">Martinho Campolina Rebello Horta</a>           |  Brazil   | <a href="#">Pontifícia Universidade Católica do Minas Gerais</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry   Oral Pathology   Oral Medicine   Oral Cancer   Patologia Bucal               | 24      | 17          | 0.708               | 41        | 28          | 0.683               | 1626     | 910         | 0.560               |
| 384   | 9011    | 13795  | 293744 | <a href="#">Fabricio De Andrade Caxito</a>                 |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geologia Regional   Geotectônica   Geologia Isotópica                              | 24      | 21          | 0.875               | 48        | 43          | 0.896               | 1624     | 1313        | 0.808               |
| 2233  | 9012    | 13796  | 293747 | <a href="#">Joel Claudio Heimann</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicida</a><br>Hipertensão Arterial  | 24      | 13          | 0.542               | 39        | 17          | 0.436               | 1624     | 466         | 0.287               |
| 2234  | 9013    | 13797  | 293752 | <a href="#">Eduardo Horjales</a>                           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Biologia Estrutural   Alosterismo enzimático   Cristalografia de proteínas                            | 24      | 8           | 0.333               | 32        | 7           | 0.219               | 1624     | 208         | 0.128               |

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| 19  | 9014    | 13798  | 293757 | <a href="#">Helio Ricardo Da Silva</a>   |    | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Natural Sciences / Biological Science</a><br>Herpetology   frogs   anurans  | 24      | 13          | 0.542               | 36        | 21          | 0.583               | 1623     | 583         | 0.359               |
| 347   | 9015    | 13799  | 293766 | <a href="#">Amanda Posselt Martins</a>   |    | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>soil fertility   soil chemistry   soil acidity   fertilization   liming   | 24      | 21          | 0.875               | 41        | 40          | 0.976               | 1622     | 1240        | 0.764               |
| 1   | 9016    | 13802  | 293795 | <a href="#">Thomas Dumelow</a>  |    | <a href="#">Universidade do Estado do Rio Grande do Norte UERN</a>     | <a href="#">Natural Sciences / Physics</a><br>Magneto-Optical Effects   Far Infrared Spectroscopy   Polaritons   Goos Hänchen   Negative Refraction   | 24      | 11          | 0.458               | 45        | 14          | 0.311               | 1619     | 325         | 0.201               |
| 348   | 9017    | 13805  | 293837 | <a href="#">Marcelo Arbo</a>   |    | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">RioGrandeSul</a><br>Toxicologia   | 24      | 21          | 0.875               | 39        | 36          | 0.923               | 1615     | 1007        | 0.624               |
| 349   | 9018    | 13806  | 293843 | <a href="#">Michã Le Oberson De Souza</a>  |    | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catalyse   Alternative energy   hydrogen production   ionic liquid  | 24      | 16          | 0.667               | 47        | 27          | 0.574               | 1614     | 775         | 0.480               |
| 214   | 9019    | 13808  | 293923 | <a href="#">Eduarda Ângela Pessoa Cesse</a>  |    | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Epidemiologia das doenças crônicas não transmissíveis   Avaliação em Saúde   Vigilância Epidemiológica   De | 24      | 18          | 0.750               | 44        | 31          | 0.705               | 1605     | 918         | 0.572               |
| 30  | 9020    | 13810  | 293941 | <a href="#">Joaquim Er Costa</a>   |    | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Natural Sciences / Physics</a><br>Solar Physics   Radio Astronomy   Solar Burst   Synchrotron Radiation   Magnetic Cataclysmic Variables  | 24      | 10          | 0.417               | 40        | 14          | 0.350               | 1603     | 364         | 0.227               |
| 50  | 9021    | 13811  | 293949 | <a href="#">Luciana Tovo Rodrigues</a>   |  | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Genética  | 24      | 21          | 0.875               | 52        | 46          | 0.885               | 1601     | 1368        | 0.854               |
| 101   | 9022    | 13812  | 293952 | <a href="#">Ulisses De Padua Pereira</a>   |  | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">bacteriologia veterinária genômica bioinformática vacinas diagnóstico </a><br>bacteriologia veterinária   genômica   bioinformática   vacinas   diagnóstico                                     | 24      | 19          | 0.792               | 37        | 29          | 0.784               | 1601     | 997         | 0.623               |
| 138   | 9023    | 13813  | 293957 | <a href="#">Verônica De Azevedo Mazza</a>  |  | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Enfermagem</a><br>Saúde da criança   Saúde da família   desenvolvimento infantil  | 24      | 17          | 0.708               | 45        | 27          | 0.600               | 1600     | 823         | 0.514               |
| 579   | 9024    | 13814  | 293968 | <a href="#">Renate Krause Sakate</a>   |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | virology   bemisia tabaci   virus   phytopathology  | 24      | 15          | 0.625               | 43        | 25          | 0.581               | 1599     | 892         | 0.558               |
| 139   | 9025    | 13815  | 293993 | <a href="#">Angelica Beate Winter Boldt</a>  |  | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Immunology   Epidemiology   Evolution   | 24      | 16          | 0.667               | 40        | 27          | 0.675               | 1595     | 686         | 0.430               |

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| 118   | 9026    | 13816  | 294001 | <a href="#">Luiz Fernando Cotica</a>              |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>           | <a href="#">Natural Sciences / Physics</a><br>Física dos Materiais   Biotecnologia   Nanotecnologia   Multiferrôicos   Density Functional Theory                      | 24      | 16          | 0.667               | 59        | 35          | 0.593               | 1594     | 857         | 0.538               |
| 2235  | 9027    | 13817  | 294035 | <a href="#">Silvio Roberto Farias Vlach</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Engineering &amp; Technology / Mining Engineering</a><br>Petrologia   Mineralogia   Geoquímica   Geocronologia  | 24      | 14          | 0.583               | 38        | 22          | 0.579               | 1590     | 675         | 0.425               |
| 385   | 9028    | 13818  | 294046 | <a href="#">Zelia Lobato</a>                      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>doenças infecciosas dos animais   virologia animal   vacinas   imunodiagnóstico   doenças virais | 24      | 14          | 0.583               | 35        | 25          | 0.714               | 1589     | 594         | 0.374               |
| 36  | 9029    | 13819  | 294047 | <a href="#">Adriano Menis Ferreira</a>            |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a> | Controle e Prevenção de Infecção   Segurança do Paciente   Cuidados com Feridas Estomas Fundamentos de Enfermagem   | 24      | 16          | 0.667               | 55        | 31          | 0.564               | 1588     | 803         | 0.506               |
| 144   | 9030    | 13820  | 294048 | <a href="#">Marcelo De Oliveira Soares</a>        |  Brazil   | <a href="#">Universidade Federal do Ceará</a>              | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia  | 24      | 23          | 0.958               | 53        | 46          | 0.868               | 1588     | 1391        | 0.876               |
| 2236  | 9031    | 13821  | 294065 | <a href="#">Thiago Cruvinel Da Silva</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a>   | 24      | 19          | 0.792               | 49        | 40          | 0.816               | 1586     | 1041        | 0.656               |
| 4   | 9032    | 13822  | 294090 | <a href="#">Evaldo Marchi</a>                     |  Brazil   | <a href="#">Faculdade de Medicina de Jundiaí</a>           | <a href="#">MedicinaJundiaíPleurPneumologiInCorFMP</a><br>Doenças da Pleura   Mesotelioma   Pneumotórax   Pleurodese  | 24      | 11          | 0.458               | 54        | 19          | 0.352               | 1582     | 514         | 0.325               |
| 162   | 9033    | 13823  | 294097 | <a href="#">Janaina Fernandes Gomes</a>           |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Catálise   Eletrocatalise   | 24      | 19          | 0.792               | 35        | 25          | 0.714               | 1582     | 869         | 0.549               |
| 118   | 9034    | 13825  | 294114 | <a href="#">Silvia Das Graças Pompolo</a>         |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia celular   | 24      | 13          | 0.542               | 54        | 20          | 0.370               | 1579     | 575         | 0.364               |
| 2237  | 9035    | 13826  | 294121 | <a href="#">Miriam Sannomiya</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Universidade de São Paulo - USP</a>   | 24      | 12          | 0.500               | 40        | 18          | 0.450               | 1578     | 499         | 0.316               |
| 2238  | 9036    | 13827  | 294138 | <a href="#">Simone Rocha De Vasconcellos Hage</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">UniversidSão Paulo</a><br>Fonoaudiologia   avaliação de Linguagem   distúrbio de linguagem   desenvolvimento da linguagem                                 | 24      | 13          | 0.542               | 40        | 19          | 0.475               | 1576     | 502         | 0.319               |
| 20  | 9037    | 13828  | 294152 | <a href="#">Emilia Correia</a>                    |  Brazil | <a href="#">Universidade Presbiteriana Mackenzie</a>       | <a href="#">Natural Sciences / Physics</a><br>Solar Physics and Sun-Earth Interactions   Antarctica   | 24      | 12          | 0.500               | 47        | 17          | 0.362               | 1574     | 428         | 0.272               |
| 609   | 9038    | 13830  | 294183 | <a href="#">Felippe Bevilacqua Prado</a>          |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Anatomy</a><br>Anatomia   Morfologia   Biomecânica  | 24      | 18          | 0.750               | 42        | 33          | 0.786               | 1571     | 883         | 0.562               |
| 140   | 9039    | 13831  | 294188 | <a href="#">Marcos Rogerio Mafra</a>              |  Brazil | <a href="#">Universidade Federal do Paraná</a>             | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   Termodinâmica   Calorimetria   Biotermodinâmica                           | 24      | 19          | 0.792               | 42        | 37          | 0.881               | 1570     | 1291        | 0.822               |
| 355   | 9040    | 13832  | 294194 | <a href="#">Marcos Vicente De Brito Moreira</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>     | <a href="#">RioJaneiro</a><br>Discrete Event Systems   Fault diagnosis   Cyber-security   Identification of Discrete Event Systems                                    | 24      | 19          | 0.792               | 35        | 28          | 0.800               | 1570     | 902         | 0.575               |







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| 63  | 9041    | 13833  | 294206 | <a href="#">Aderson Farias Do Nascimento</a> |  Brazil   | Universidade Federal do Rio Grande do Norte            | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>sismologia   ruído sísmico   inversão  | 24      | 17          | 0.708               | 32        | 27          | 0.844               | 1568     | 761         | 0.485               |
| 18  | 9042    | 13834  | 294207 | <a href="#">Gabriel C. Blain</a>             |  Brazil   | Instituto Agrônomo                                     | <a href="#">Pesquisador Científico, Instituto Agrônomo</a><br>Estatística Climatológica   Climatologia e Agrometeorologia   | 24      | 15          | 0.625               | 52        | 28          | 0.538               | 1567     | 819         | 0.523               |
| 79  | 9043    | 13836  | 294275 | <a href="#">Leila M Torraca De Brito</a>     |  Brazil   | Universidade do Estado do Rio de Janeiro UERJ          | <a href="#">Social Sciences / Psychology</a><br>Psicologia social   psicologia jurídica   | 24      | 13          | 0.542               | 37        | 18          | 0.486               | 1556     | 515         | 0.331               |
| 119   | 9044    | 13837  | 294283 | <a href="#">Luis Carlos Martínez</a>         |  Brazil   | Universidade Federal de Viçosa UFV                     | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomology   Insect physiology   Toxicology   Biological Control   Agronomy                                       | 24      | 22          | 0.917               | 43        | 40          | 0.930               | 1554     | 1437        | 0.925               |
| 1   | 9045    | 13839  | 294299 | <a href="#">Thallita Pereira Queiroz</a>     |  Brazil   | Centro Universitário de Araraquara UNIARA              | Cirurgia e Implantodontia   | 24      | 18          | 0.750               | 38        | 32          | 0.842               | 1552     | 904         | 0.582               |
| 141   | 9046    | 13840  | 294301 | <a href="#">Herbert Winnischofer</a>         |  Brazil   | Universidade Federal do Paraná                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanotecnologia   Química Supramolecular   Filmes Finos   Transferência Eletrônica   | 24      | 12          | 0.500               | 32        | 13          | 0.406               | 1552     | 364         | 0.235               |
| 8   | 9047    | 13841  | 294328 | <a href="#">Ivana Barbosa Suffredini</a>     |  Brazil   | Universidade Paulista UNIP                             | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacognosia   Farmacologia   Toxicologia   Microbiologia   Química de Produtos Naturais | 24      | 14          | 0.583               | 41        | 28          | 0.683               | 1548     | 729         | 0.471               |
| 199   | 9048    | 13843  | 294390 | <a href="#">Clenilson Martins Rodrigues</a>  |  Brazil   | Empresa Brasileira de Pesquisa Agropecuária            | <a href="#">Embrapa Agroenergy</a><br>metabolomics   chemistry of natural products   chemistry of biomass   analytical methods development  | 24      | 16          | 0.667               | 36        | 26          | 0.722               | 1541     | 651         | 0.422               |
| 7   | 9049    | 13845  | 294416 | <a href="#">Juliana Ferreira Strixino</a>    |  Brazil   | Universidade do Vale do Paraíba UNIVAP                 | Photodynamic Therapy   Photochemistry   Photobiology   Photophysics   Photosensitizers  | 24      | 13          | 0.542               | 49        | 22          | 0.449               | 1537     | 685         | 0.446               |
| 66  | 9050    | 13846  | 294417 | <a href="#">João Marcos Madurro</a>          |  Brazil   | Universidade Federal de Uberlândia                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biosensors   modified eletrodes   polymeric films   | 24      | 16          | 0.667               | 48        | 30          | 0.625               | 1537     | 717         | 0.466               |
| 580   | 9051    | 13848  | 294423 | <a href="#">Tânia Adas Saliba Rovida</a>     |  Brazil | Universidade Estadual Paulista Júlio de Mesquita Filho |   | 24      | 18          | 0.750               | 43        | 35          | 0.814               | 1536     | 1051        | 0.684               |
| 142   | 9052    | 13850  | 294438 | <a href="#">Nerilde Favaretto</a>            |  Brazil | Universidade Federal do Paraná                         | <a href="#">Engineering &amp; Technology / Engineering</a><br>Ciência do Solo   Conservação do solo e da água   | 24      | 14          | 0.583               | 44        | 23          | 0.523               | 1532     | 677         | 0.442               |
| 10  | 9053    | 13852  | 294455 | <a href="#">Mário Maestri</a>                |  Brazil | Universidade de Passo Fundo                            | <a href="#">History, Philosophy, Theology / History</a><br>História   escravidão   Guerra do Paraguai   luta de classes   | 24      | 11          | 0.458               | 35        | 11          | 0.314               | 1530     | 343         | 0.224               |
| 2239  | 9054    | 13856  | 294513 | <a href="#">Eduardo Santana</a>              |  Brazil | Universidade de São Paulo USP                          | <a href="#">Cirurgia Bucomaxilofacial</a><br>Cirurgia Bucomaxilofacial  | 24      | 13          | 0.542               | 53        | 24          | 0.453               | 1519     | 655         | 0.431               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 67  | 9055    | 13857  | 294514 | <a href="#">Nilson Penha Silva</a>              |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Bioenergetics and Metabolism   Erythrocytes   Biomembranes   Proteins   Degeneration  | 24      | 14          | 0.583               | 42        | 24          | 0.571               | 1519     | 753         | 0.496               |
| 7   | 9056    | 13861  | 294579 | <a href="#">Douglas Galante</a>                 |  Brazil   | <a href="#">Laboratorio Nacional de Luz Sincrotron</a>                 | <a href="#">LNLS/CNPEM</a><br>Astrobiologia   Ciências Planetárias   Exploração Espacial   Radiação   Sincrotron   | 24      | 21          | 0.875               | 41        | 32          | 0.780               | 1508     | 1211        | 0.803               |
| 8   | 9057    | 13862  | 294581 | <a href="#">Sergio Pilling</a>                  |  Brazil   | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>                 | <a href="#">Natural Sciences / Physics</a><br>Astrochemistry   Astrobiology   Molecular Spectroscopy   Astrophysics  | 24      | 16          | 0.667               | 48        | 30          | 0.625               | 1507     | 697         | 0.463               |
| 10  | 9058    | 13863  | 294594 | <a href="#">Danilo Reis Coimbra</a>             |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>              | <a href="#">Education / Education</a><br>Educação Física   | 24      | 22          | 0.917               | 37        | 34          | 0.919               | 1505     | 1323        | 0.879               |
| 581   | 9059    | 13865  | 294635 | <a href="#">Ederio Dino Bidoia</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water Treatment   Environmental management   microbiology   electrochemistry and ecotoxicity | 24      | 16          | 0.667               | 40        | 27          | 0.675               | 1499     | 737         | 0.492               |
| 83  | 9060    | 13866  | 294637 | <a href="#">Stephania Fleury</a>                |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Tecnologia Farmacêutica  | 24      | 21          | 0.875               | 38        | 36          | 0.947               | 1499     | 1022        | 0.682               |
| 2240  | 9061    | 13868  | 294674 | <a href="#">Luís Carlos Lopes Júnior Rn Ocn</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Oncology   Cancer Epidemiology   Pediatric Oncology   Psychoneuroimmunology   Public Health                           | 24      | 22          | 0.917               | 40        | 36          | 0.900               | 1492     | 1322        | 0.886               |
| 143   | 9062    | 13870  | 294702 | <a href="#">Alexandra Acco</a>                  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Pharmacology   Oncology   Toxicology   Veterinary  | 24      | 18          | 0.750               | 47        | 38          | 0.809               | 1484     | 940         | 0.633               |
| 2241  | 9063    | 13872  | 294736 | <a href="#">Elen Haruka Miyabara</a>            |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | músculo esquelético  | 24      | 15          | 0.625               | 33        | 25          | 0.758               | 1479     | 638         | 0.431               |
| 116   | 9064    | 13873  | 294749 | <a href="#">Silvia Cavalcanti</a>               |  Brazil | <a href="#">Universidade Federal Fluminense</a>                        | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia  | 24      | 11          | 0.458               | 43        | 12          | 0.279               | 1475     | 375         | 0.254               |
| 386   | 9065    | 13874  | 294759 | <a href="#">Rodrigo Hermont Cançado</a>         |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortodontia e Ortopedia Facial  | 24      | 17          | 0.708               | 34        | 29          | 0.853               | 1474     | 841         | 0.571               |
| 8   | 9066    | 13878  | 294785 | <a href="#">Bianca Campagnaro</a>               |  Brazil | <a href="#">Universidade Vila Velha UVV</a>                            | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia   Farmacologia   Genética   Biologia Celular  | 24      | 19          | 0.792               | 36        | 31          | 0.861               | 1469     | 1137        | 0.774               |
| 582   | 9067    | 13879  | 294787 | <a href="#">Irani Quagio Grassiotto</a>         |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |  | 24      | 12          | 0.500               | 47        | 17          | 0.362               | 1468     | 551         | 0.375               |
| 583   | 9068    | 13880  | 294788 | <a href="#">José Eduardo De Oliveira</a>        |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Combustíveis   Bioenergia  | 24      | 16          | 0.667               | 44        | 27          | 0.614               | 1468     | 790         | 0.538               |


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| University  | Country | Region | World  | Name                                       | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 80  | 9069    | 13882  | 294801 | <a href="#">Josely Koury</a>               |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>atividade física   estresse oxidativo   adolescente   nutrição   leptina                              | 24      | 15          | 0.625               | 36        | 23          | 0.639               | 1466     | 637         | 0.435               |
| 9   | 9070    | 13883  | 294820 | <a href="#">Eduardo Da Costa Severiano</a> |  Brazil   | <a href="#">Instituto Federal Goiano</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Física do Solo   Conservação do Solo e da Água   Agricultura Conservacionista   Integração Agricultura-Pecuária   Cana-de-       | 24      | 15          | 0.625               | 40        | 27          | 0.675               | 1461     | 731         | 0.500               |
| 2242  | 9071    | 13884  | 294838 | <a href="#">Adriane Feijó Evangelista</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">BarretosCancerHospital</a><br>Breast cancer   microRNA   stem cells   high throughput analysis   | 24      | 20          | 0.833               | 35        | 29          | 0.829               | 1459     | 1090        | 0.747               |
| 2243  | 9072    | 13885  | 294855 | <a href="#">Masoud Negahdary</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Biosensors   Biomarkers   Bioanalysis   Nanobiomedicine  | 24      | 20          | 0.833               | 40        | 33          | 0.825               | 1454     | 1096        | 0.754               |
| 9   | 9073    | 13889  | 294863 | <a href="#">Renata Perpetuo Reis</a>       |  Brazil   | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Biological Science</a><br>ciências biológicas   | 24      | 14          | 0.583               | 39        | 23          | 0.590               | 1453     | 608         | 0.418               |
| 584   | 9074    | 13890  | 294879 | <a href="#">Giovana Bertini</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Biology and Ecology of Crustacea Decapoda   Carcinology   Freshwater shrimp   | 24      | 13          | 0.542               | 42        | 19          | 0.452               | 1450     | 506         | 0.349               |
| 110   | 9075    | 13891  | 294883 | <a href="#">Marcelo Felgueiras Napoli</a>  |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | Herpetologia   Zoologia   Taxonomia   Ecologia   | 24      | 15          | 0.625               | 45        | 24          | 0.533               | 1448     | 709         | 0.490               |
| 37  | 9076    | 13893  | 294896 | <a href="#">Maria De Fatima Cepa Matos</a> |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                  | <a href="#">Medical and Health Sciences / Hematology</a><br>Cultura de células   Biologia Molecular  | 24      | 17          | 0.708               | 43        | 31          | 0.721               | 1445     | 763         | 0.528               |
| 82  | 9077    | 13894  | 294898 | <a href="#">Roberto Hubler</a>             |  Brazil  | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Pontifical Catholicof Rio Grando Sul</a><br>nanotecnologia   nanociências  | 24      | 16          | 0.667               | 41        | 25          | 0.610               | 1445     | 669         | 0.463               |
| 2244  | 9078    | 13895  | 294917 | <a href="#">Laudemir Carlos Varanda</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   Colloids   Nanomaterials   Magnetic nanostructures   biomedicine   | 24      | 14          | 0.583               | 37        | 25          | 0.676               | 1438     | 624         | 0.434               |
| 9   | 9079    | 13896  | 294922 | <a href="#">Pillat VG</a>                  |  Brazil | <a href="#">Universidade do Vale do Paraíba UNIVAP</a>                      | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Inteligência Artificial   Lógica Fuzzy   lógica Nebulosa   Ionosfera   Ionossonda                           | 24      | 13          | 0.542               | 42        | 25          | 0.595               | 1436     | 657         | 0.458               |
| 120   | 9080    | 13899  | 294937 | <a href="#">Winder A Moura Melo</a>        |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Natural Sciences / Physics</a><br>Condensed Matter   Nanomagnetism   Topological Materials   Quantum Field Theory  | 24      | 14          | 0.583               | 38        | 19          | 0.500               | 1432     | 575         | 0.402               |
| 81  | 9081    | 13902  | 294977 | <a href="#">Bruna Romana De Souza</a>      |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Natural Sciences / Biological Science</a><br>Biologia   Morfologia   Biologia celular   Histologia   | 24      | 16          | 0.667               | 35        | 25          | 0.714               | 1419     | 679         | 0.479               |
| 356   | 9082    | 13905  | 294994 | <a href="#">Felipe A Pinheiro</a>          |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Physics</a><br>Light propagation in complex media   metamaterials   plasmonics   Anderson localization   electronic transport in nanostructures | 24      | 14          | 0.583               | 46        | 28          | 0.609               | 1415     | 731         | 0.517               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 145   | 9083    | 13906  | 294997 | <a href="#">Bruno Carvalho De Vasconcelos</a>   |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   | 24      | 18          | 0.750               | 28        | 26          | 0.929               | 1415     | 921         | 0.651               |
| 10  | 9084    | 13907  | 295005 | <a href="#">Fauze Jaco Anaissi</a>              |  Brazil   | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Pigmentos   Novos Materiais   Físicoquímica Inorgânica  | 24      | 15          | 0.625               | 41        | 24          | 0.585               | 1410     | 702         | 0.498               |
| 10  | 9085    | 13908  | 295017 | <a href="#">Eliana Janet Sanjinez Argandoña</a> |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>           | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos com ênfase em Engenharia de Alimentos              | 24      | 19          | 0.792               | 43        | 30          | 0.698               | 1407     | 922         | 0.655               |
| 585   | 9086    | 13912  | 295088 | <a href="#">José Claudio Lopes</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Processos de Fabricação  | 24      | 24          | 1.000               | 38        | 37          | 0.974               | 1385     | 1366        | 0.986               |
| 1   | 9087    | 13914  | 295120 | <a href="#">Deborah Cristina Landi Masquio</a>  |  Brazil   | <a href="#">Centro Universitário São Camilo São Paulo</a>              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   obesidade   síndrome metabólica   ácidos graxos   aleitamento materno           | 24      | 20          | 0.833               | 36        | 31          | 0.861               | 1372     | 862         | 0.628               |
| 350   | 9088    | 13916  | 295237 | <a href="#">Leliz Ticona Arenas</a>             |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Materiais   Físico Química Inorgânica   sensores e biosensores eletroquímicos                    | 24      | 16          | 0.667               | 35        | 26          | 0.743               | 1294     | 602         | 0.465               |
| 222   | 9089    | 13917  | 295238 | <a href="#">Diogo Silva Pellosi</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry   photodynamic therapy   nanotechnology   | 24      | 22          | 0.917               | 29        | 28          | 0.966               | 1294     | 1007        | 0.778               |
| 2245  | 9090    | 13920  | 295295 | <a href="#">Ivandré Paraboni</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Natural Language Processing  | 24      | 13          | 0.542               | 37        | 16          | 0.432               | 1175     | 585         | 0.498               |
| 2246  | 9091    | 13922  | 295496 | <a href="#">Luiz Roberto Grassmann Bechara</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a>   | 23      | 20          | 0.870               | 30        | 25          | 0.833               | 11141    | 6574        | 0.590               |
| 1   | 9092    | 13924  | 295573 | <a href="#">Mauricio Godinho Delgado</a>        |  Brazil | <a href="#">Centro Universitário do Distrito Federal UDF</a>           | <a href="#">do UDF - do Distrito Federal</a><br>Direito do Trabalho   Direito Processual do Trabalho   Direito Constitucional   Direitos Humanos   Direitos Sociais | 23      | 16          | 0.696               | 38        | 24          | 0.632               | 9452     | 4124        | 0.436               |
| 2247  | 9093    | 13926  | 295595 | <a href="#">Jose Arthur Giannotti</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃOfo Paulo</a><br>Filosofia Geral   | 23      | 13          | 0.565               | 40        | 18          | 0.450               | 8996     | 2742        | 0.305               |
| 200   | 9094    | 13927  | 295702 | <a href="#">Rodrigo Mendes</a>                  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Microbiome  | 23      | 20          | 0.870               | 26        | 24          | 0.923               | 7737     | 5154        | 0.666               |
| 215   | 9095    | 13929  | 295805 | <a href="#">L Caetano M Antunes</a>             |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Oswaldo Cruz Foundation</a><br>Microbial chemical biology   | 23      | 18          | 0.783               | 39        | 29          | 0.744               | 6876     | 3359        | 0.489               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 24  | 9096    | 13937  | 296143 | <a href="#">Celso Bilynkievycz Dos Santos</a>  |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>     | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Engenharia de Produção   Ensino de Ciências e Tecnologia   Mineração de Dados   Computação   Educação Física | 23      | 18          | 0.783               | 51        | 33          | 0.647               | 5409     | 4597        | 0.850               |
| 8   | 9097    | 13939  | 296175 | <a href="#">Jaqueline Goes De Jesus</a>        |  Brazil   | <a href="#">Escola Bahiana de Medicina e Saúde Publica</a>     | <a href="#">UniversidSÃOfo Paulo</a><br>Ciências da Saúde   | 23      | 23          | 1.000               | 31        | 31          | 1.000               | 5342     | 5237        | 0.980               |
| 68  | 9098    | 13940  | 296180 | <a href="#">Alexandre Cardoso</a>              |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Realidade Virtual   Realidade Aumentada   Interfaces Humano Computador   | 23      | 15          | 0.652               | 67        | 28          | 0.418               | 5325     | 1658        | 0.311               |
| 2248  | 9099    | 13943  | 296383 | <a href="#">Laura De Mello E Souza</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">History, Philosophy, Theology / History</a><br>História da Cultura e das Mentalidades   História do Brasil Colonial   História Moderna da Europa  | 23      | 16          | 0.696               | 41        | 20          | 0.488               | 4847     | 1228        | 0.253               |
| 163   | 9100    | 13948  | 296583 | <a href="#">Francis De Moraes Franco Nunes</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>             | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics   Genomics/Transcriptomics   Developmental Biology   Phenotypic Plasticity/Aging   Social Insects                         | 23      | 16          | 0.696               | 25        | 20          | 0.800               | 4532     | 1626        | 0.359               |
| 6   | 9101    | 13950  | 296629 | <a href="#">Marlucia Bonifacio Martins</a>     |  Brazil   | <a href="#">Museu Paraense Emilio Goeldi</a>                   | <a href="#">pesquisador museu paraense emilio goeldi</a><br>biologia  | 23      | 16          | 0.696               | 32        | 21          | 0.656               | 4468     | 2051        | 0.459               |
| 37  | 9102    | 13952  | 296699 | <a href="#">Celso Augusto De Matos</a>         |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Business &amp; Management / Marketing</a><br>Sustainable Consumption   Consumer Behavior   Strategic Marketing   Service Innovation   | 23      | 19          | 0.826               | 41        | 29          | 0.707               | 4365     | 2076        | 0.476               |
| 223   | 9103    | 13953  | 296710 | <a href="#">Alexandre S Basso</a>              |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>      | <a href="#">PaulistMedicinUNIFESP</a><br>Neuroimmunology   Neuro-Immune Interactions   Neuroimmunomodulation  | 23      | 17          | 0.739               | 28        | 22          | 0.786               | 4351     | 1666        | 0.383               |
| 62  | 9104    | 13954  | 296797 | <a href="#">Aldebaro Klautau</a>               |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Machine learning   digital signal processing   telecommunications   | 23      | 16          | 0.696               | 48        | 22          | 0.458               | 4261     | 1595        | 0.374               |
| 2   | 9105    | 13955  | 296854 | <a href="#">Paula Inez Cunha Gomide</a>        |  Brazil | <a href="#">Universidade Tuiuti do Paraná</a>                  | <a href="#">universidade Tuiuti do Paraná</a><br>psicologia forense   | 23      | 15          | 0.652               | 37        | 19          | 0.514               | 4206     | 1299        | 0.309               |
| 610   | 9106    | 13956  | 296865 | <a href="#">Thaise Emilio</a>                  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Biodiversity   functional ecology   tropical forests   palm biology   plant hydraulics   | 23      | 21          | 0.913               | 28        | 25          | 0.893               | 4196     | 3267        | 0.779               |
| 46  | 9107    | 13957  | 296868 | <a href="#">Klaus Frey</a>                     |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>              | <a href="#">Social Sciences / Political Science</a><br>Políticas públicas   governanca urbana   administracao pública   | 23      | 15          | 0.652               | 36        | 22          | 0.611               | 4192     | 1506        | 0.359               |
| 119   | 9108    | 13960  | 296980 | <a href="#">Arildo José Braz De Oliveira</a>   |  Brazil | <a href="#">Universidade Estadual de Maringá</a>               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Biotecnologia de Plantas Medicinais   | 23      | 17          | 0.739               | 51        | 30          | 0.588               | 4056     | 2746        | 0.677               |
| 2249  | 9109    | 13962  | 297037 | <a href="#">Genival Fernandes De Freitas</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">em</a><br>História da enfermagem   Ética em enfermagem   Legislação em enfermagem   Cultura dos cuidados  | 23      | 13          | 0.565               | 58        | 23          | 0.397               | 4007     | 2763        | 0.690               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 586   | 9110    | 13963  | 297044 | <a href="#">Maria Do Rosario Longo Mortatti</a><br><a href="#">Maria Do Rosario Mortatti Magnani</a><br><a href="#">Maria Do Rosario Mortatti</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                       | <a href="#">History, Philosophy, Theology / History</a><br>História do ensino de língua e literatura   história da alfabetização   história da formação de professores   história da | 23      | 17          | 0.739               | 43        | 24          | 0.558               | 4000     | 1501        | 0.375               |
| 611   | 9111    | 13964  | 297058 | <a href="#">Alvaro P Crosta</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                                    | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geology   remote sensing   planetary geology  | 23      | 15          | 0.652               | 58        | 32          | 0.552               | 3989     | 1448        | 0.363               |
| 612   | 9112    | 13965  | 297208 | <a href="#">Robert W Slenes</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                                    | <a href="#">History, Philosophy, Theology / History</a><br>escravidão   diáspora africana   cultura centro-africana   alforria   história da família                                 | 23      | 15          | 0.652               | 30        | 20          | 0.667               | 3865     | 1107        | 0.286               |
| 613   | 9113    | 13966  | 297227 | <a href="#">Claudinei Campos</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                                    | <a href="#">UNICAMP</a><br>Saúde Mental   Metodologia de Pesquisa  | 23      | 17          | 0.739               | 37        | 26          | 0.703               | 3848     | 2052        | 0.533               |
| 357   | 9114    | 13969  | 297306 | <a href="#">Lana Sylvestre</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                                       | <a href="#">Social Sciences / Psychology</a><br>Pteridologia   | 23      | 14          | 0.609               | 41        | 19          | 0.463               | 3797     | 1997        | 0.526               |
| 1   | 9115    | 13970  | 297386 | <a href="#">José Luiz Rodrigues Torres</a>  |  Brazil   | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Triângulo Mineiro IFTM</a> | <a href="#">Produção do Vegetal Do Triângulo Mineiro</a><br>Manejo e conservação do solo e água   Ciclagem de nutrientes   Plantas de cobertura   Plantio direto                     | 23      | 16          | 0.696               | 84        | 38          | 0.452               | 3737     | 1542        | 0.413               |
| 69  | 9116    | 13971  | 297398 | <a href="#">Roberto Rosa</a>  |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>   | <a href="#">Sensoriamento Remoto Uberlândia</a><br>Sensoriamento remoto   Geoprocessamento   Mudanças climáticas   | 23      | 15          | 0.652               | 37        | 21          | 0.568               | 3729     | 1486        | 0.398               |
| 111   | 9117    | 13972  | 297404 | <a href="#">Celi Nelza Zulke Taffarel</a>   |  Brazil | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">superior</a><br>esporte  | 23      | 13          | 0.565               | 61        | 26          | 0.426               | 3724     | 1447        | 0.389               |
| 164   | 9118    | 13973  | 297409 | <a href="#">Roberto A Martins</a>   |  Brazil | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Performance Measurement Systems   Quality Management   Balanced Scorecard               | 23      | 15          | 0.652               | 40        | 21          | 0.525               | 3715     | 1586        | 0.427               |
| 67  | 9119    | 13975  | 297489 | <a href="#">Maria Alice Rezende De Carvalho</a>   |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a>                   | <a href="#">Social Sciences / Sociology</a><br>Sociologia dos intelectuais   Sociologia da cultura   Sociologia urbana   | 23      | 12          | 0.522               | 36        | 17          | 0.472               | 3661     | 841         | 0.230               |
| 178   | 9120    | 13976  | 297492 | <a href="#">Murilo Bastos Da Cunha</a>  |  Brazil | <a href="#">Universidade de Brasília UNB</a>   | <a href="#">Social Sciences / Library and Information Science</a><br>biblioteca digital   ciência da informação   informação científica   estudo de usuários                         | 23      | 12          | 0.522               | 37        | 15          | 0.405               | 3660     | 1162        | 0.317               |
| 2250  | 9121    | 13977  | 297517 | <a href="#">Maiorka PC</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Patologia Veterinária   | 23      | 16          | 0.696               | 58        | 30          | 0.517               | 3640     | 1286        | 0.353               |










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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 201   | 9122    | 13978  | 297524 | <a href="#">Mauricio Antonio Lopes</a>           |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria - Embrapa</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria - Embrapa</a><br>Agricultural Systems   Bioeconomy   Strategic Intelligence   Molecular Biology   Impact Analysis                          | 23      | 15          | 0.652               | 41        | 18          | 0.439               | 3636     | 904         | 0.249               |
| 224   | 9123    | 13980  | 297555 | <a href="#">Karina Rabello Casali</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>             | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Engenharia Biomédica  | 23      | 18          | 0.783               | 38        | 28          | 0.737               | 3618     | 1982        | 0.548               |
| 2251  | 9124    | 13981  | 297584 | <a href="#">Marucia Chacur</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Anatomy</a><br>dor   noçãoção  | 23      | 18          | 0.783               | 35        | 32          | 0.914               | 3606     | 942         | 0.261               |
| 2252  | 9125    | 13982  | 297589 | <a href="#">João Alexio Scarpere Filho</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fruticultura   | 23      | 10          | 0.435               | 64        | 10          | 0.156               | 3604     | 471         | 0.131               |
| 20  | 9126    | 13986  | 297668 | <a href="#">Horácio AB Fernandes De Oliveira</a> |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                 | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>wireless networks   vehicular networks   localization systems   internet of things   distributed systems | 23      | 16          | 0.696               | 40        | 25          | 0.625               | 3558     | 1213        | 0.341               |
| 2253  | 9127    | 13987  | 297681 | <a href="#">Roque Rabechini Jr</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">NoveJulho</a><br>gestão de projetos   complex project   gestão de riscos   gestão de portfólio   gerenciamento de projetos   | 23      | 16          | 0.696               | 32        | 20          | 0.625               | 3550     | 1466        | 0.413               |
| 63  | 9128    | 13989  | 297706 | <a href="#">Claudia Azevedo Ramos</a>            |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                     | <a href="#">HigherAmazonianStudies(NAEA)Para</a><br>conservation   forest management   public policy   traditional communities   | 23      | 13          | 0.565               | 30        | 17          | 0.567               | 3533     | 1265        | 0.358               |
| 18  | 9129    | 13992  | 297732 | <a href="#">Cicero Bezerra</a>                   |  Brazil   | <a href="#">Universidade Federal do Maranhão</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a>   | 23      | 15          | 0.652               | 38        | 20          | 0.526               | 3511     | 1151        | 0.328               |
| 179   | 9130    | 13994  | 297759 | <a href="#">Hartmut Günther</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psychology Ambiental   | 23      | 13          | 0.565               | 43        | 20          | 0.465               | 3495     | 1413        | 0.404               |
| 2   | 9131    | 13995  | 297779 | <a href="#">André Azevedo Neto</a>               |  Brazil  | <a href="#">Universidade Federal do Recôncavo da Bahia UFRB</a>       | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Bioquímica e fisiologia vegetal  | 23      | 17          | 0.739               | 42        | 29          | 0.690               | 3484     | 1504        | 0.432               |
| 112   | 9132    | 13996  | 297780 | <a href="#">Gúbio Soares Campos</a>              |  Brazil | <a href="#">Universidade Federal da Bahia</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Virologia  | 23      | 18          | 0.783               | 37        | 27          | 0.730               | 3483     | 2189        | 0.628               |
| 16  | 9133    | 13998  | 297860 | <a href="#">João Roberto Barbosa</a>             |  Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>              | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>Turbomáquinas   turbinas a gás   simulação numérica de desempenho   projeto de compressores                                | 23      | 18          | 0.783               | 42        | 25          | 0.595               | 3438     | 2091        | 0.608               |
| 199   | 9134    | 14000  | 297881 | <a href="#">Carlos Becker Westphall</a>          |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Network and Service Management   Security   IDS   IoT   Fog and Cloud Computing   | 23      | 13          | 0.565               | 63        | 17          | 0.270               | 3430     | 1063        | 0.310               |
| 2254  | 9135    | 14002  | 297929 | <a href="#">José Luis Valin Rivera</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Engenharia Mecânica   Interferometria Holográfica   Holografia Digital  | 23      | 15          | 0.652               | 67        | 28          | 0.418               | 3406     | 1837        | 0.539               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 202   | 9136    | 14004  | 297990 | <a href="#">Juliana Corrêa Borges Silva</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Pesquisadora A Embrapa Pantanal</a><br>Reprodução e Produção Animal  | 23      | 16          | 0.696               | 47        | 24          | 0.511               | 3373     | 1099        | 0.326               |
| 3   | 9137    | 14005  | 298092 | <a href="#">Getulio T Batista</a>             |  Brazil   | <a href="#">Universidade de Taubaté UNITAU</a>                         | <a href="#">RemoteSensingEnvironmentalsTaubatéSP</a><br>Environment   Water Resources   Remote Sensing   Land Use  | 23      | 13          | 0.565               | 46        | 17          | 0.370               | 3333     | 819         | 0.246               |
| 121   | 9138    | 14006  | 298106 | <a href="#">Antonio Simões Silva</a>          |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geodésia   Ajustamento de Observações   Gestão Acadêmica  | 23      | 16          | 0.696               | 87        | 28          | 0.322               | 3328     | 1436        | 0.431               |
| 120   | 9139    | 14007  | 298133 | <a href="#">Linyer Beatrys Ruiz Aylon</a>     |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>microeletrônica   rede de sensores sem fio   computação móvel   redes veiculares | 23      | 13          | 0.565               | 47        | 19          | 0.404               | 3318     | 758         | 0.228               |
| 14  | 9140    | 14008  | 298181 | <a href="#">Alexei Mailybaev</a>              |  Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>       | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>fluid dynamics   mathematical physics   singularity theory  | 23      | 16          | 0.696               | 54        | 30          | 0.556               | 3297     | 1886        | 0.572               |
| 2   | 9141    | 14009  | 298216 | <a href="#">Jose Ricardo Cezar Salgado</a>    |  Brazil   | <a href="#">Universidade Federal da Integração Latino-Americana</a>    | <a href="#">MagistérioSuperiorUNILA</a><br>eletroquímica   eletrocatalise   hidrogênio   células a combustível   | 23      | 13          | 0.565               | 25        | 15          | 0.600               | 3279     | 662         | 0.202               |
| 587   | 9142    | 14010  | 298246 | <a href="#">Rafael Henrique Nobrega</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia da Reprodução  | 23      | 21          | 0.913               | 45        | 41          | 0.911               | 3269     | 2025        | 0.619               |
| 351   | 9143    | 14011  | 298283 | <a href="#">Gilmar Arduino Bettio Marodin</a> |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | FITOTECNIA   ECOFISIOLOGIA   FRUTEIRAS TEMPERADAS   MANEJO DE POMARES  | 23      | 13          | 0.565               | 53        | 15          | 0.283               | 3256     | 520         | 0.160               |
| 4   | 9144    | 14012  | 298339 | <a href="#">Maria Arlene Pessoa Da Silva</a>  |  Brazil | <a href="#">Universidade Regional do Cariri URCA</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Botânica aplicada   Alelopatia   Etnobotânica   Sistemática vegetal   | 23      | 17          | 0.739               | 45        | 32          | 0.711               | 3233     | 2234        | 0.691               |
| 2255  | 9145    | 14016  | 298478 | <a href="#">Juan Stuardo Yazlle Rocha</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">MediciSocialMediciRibeirãoPreto</a><br>políticas de saúde   investigação em serviços de saúde   eAprendizado   | 23      | 13          | 0.565               | 42        | 16          | 0.381               | 3180     | 765         | 0.241               |
| 614   | 9146    | 14019  | 298509 | <a href="#">Monica Alves</a>                  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Superfície ocular   olho seco   | 23      | 17          | 0.739               | 31        | 25          | 0.806               | 3172     | 2393        | 0.754               |
| 2256  | 9147    | 14020  | 298537 | <a href="#">Leonardo Gobbo Neto</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Metabolomics   Chemical Ecology   Natural Products Chemistry   Beer production process   Hops          | 23      | 18          | 0.783               | 44        | 33          | 0.750               | 3160     | 1538        | 0.487               |
| 387   | 9148    | 14021  | 298618 | <a href="#">Maria Cristina Rabello Soares</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>Astrophysics   | 23      | 8           | 0.348               | 33        | 7           | 0.212               | 3133     | 1075        | 0.343               |


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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2257  | 9149    | 14022  | 298704 | <a href="#">Juliana Pereira</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                 | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematology   Oncohematology   Lymphomas   | 23      | 20          | 0.870               | 73        | 43          | 0.589               | 3097     | 1766        | 0.570               |
| 388   | 9150    | 14023  | 298733 | <a href="#">Cynthia Greive Veiga</a>                |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                     | <a href="#">History, Philosophy, Theology / History</a><br>historia   historia da educação   sociologia   | 23      | 12          | 0.522               | 33        | 16          | 0.485               | 3087     | 868         | 0.281               |
| 117   | 9151    | 14024  | 298762 | <a href="#">Bethania Mariani</a>                    |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                               | Análise do Discurso   História das ideias Linguísticas   Comunicação   Psicanálise  | 23      | 14          | 0.609               | 42        | 20          | 0.476               | 3080     | 974         | 0.316               |
| 200   | 9152    | 14025  | 298766 | <a href="#">Luis GC Rego</a>                        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                   | <a href="#">Natural Sciences / Physics</a><br>quantum dynamics   energy and charge transfer in condensed matter systems   | 23      | 14          | 0.609               | 36        | 21          | 0.583               | 3079     | 774         | 0.251               |
| 32  | 9153    | 14026  | 298819 | <a href="#">Angela Claudia Rodrigues</a>            |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Tecnologia de Alimentos   Química Analítica   | 23      | 16          | 0.696               | 44        | 25          | 0.568               | 3058     | 1216        | 0.398               |
| 21  | 9154    | 14028  | 298835 | <a href="#">Angelo Costa Gurgel</a>                 |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                   | <a href="#">Fundação Getulio Vargas</a><br>Environmental Economics   Agricultural Economics   Climate Change   Land Use Changes   Bioenergy   | 23      | 16          | 0.696               | 41        | 22          | 0.537               | 3054     | 1040        | 0.341               |
| 2258  | 9155    | 14029  | 298846 | <a href="#">Maria De Lourdes Veronese Rodrigues</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                 | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>Oftalmologia   Educação Médica   Educação de Profissões da Saúde   | 23      | 14          | 0.609               | 67        | 22          | 0.328               | 3051     | 1079        | 0.354               |
| 2   | 9156    | 14031  | 298900 | <a href="#">Maria Do Carmo Borges Teixeira</a>      |  Brazil   | <a href="#">Universidade Estadual de Ciências da Saúde de Alagoas UNCISAL</a> | <a href="#">Medical and Health Sciences / Nephrology</a><br>nefrologia   transplante renal  | 23      | 17          | 0.739               | 46        | 20          | 0.435               | 3037     | 1734        | 0.571               |
| 588   | 9157    | 14032  | 298908 | <a href="#">Moretti Ferreira Danilo</a>             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana e Médica   | 23      | 17          | 0.739               | 45        | 24          | 0.533               | 3035     | 1619        | 0.533               |
| 225   | 9158    | 14033  | 298909 | <a href="#">Alexandre De Castro Keller</a>          |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                     | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Inflamação   Câncer   Alergia   Estresse   | 23      | 13          | 0.565               | 30        | 16          | 0.533               | 3035     | 699         | 0.230               |
| 2259  | 9159    | 14034  | 298962 | <a href="#">Kelen Cristina Ribeiro Malmegrim</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                 | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>immunology   cell therapy   autoimmune diseases   hematopoietic stem cell transplantation   mesenchymal stromal cells | 23      | 21          | 0.913               | 40        | 31          | 0.775               | 3018     | 1535        | 0.509               |
| 203   | 9160    | 14035  | 298976 | <a href="#">Gustavo Heiden</a>                      |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                   | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Systematics   Evolution and Biogeography  | 23      | 18          | 0.783               | 49        | 26          | 0.531               | 3013     | 1918        | 0.637               |
| 44  | 9161    | 14038  | 299083 | <a href="#">Edson Delatorre</a>                     |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>virology   molecular evolution   molecular epidemiology  | 23      | 20          | 0.870               | 38        | 34          | 0.895               | 2984     | 2357        | 0.790               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 33  | 9162    | 14039  | 299088 | <a href="#">Tales Andreassi</a>              |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor de Empreendedorismo, FGV-EAESP</a><br>Empreendedorismo e inovação  | 23      | 16          | 0.696               | 45        | 28          | 0.622               | 2983     | 1227        | 0.411               |
| 589   | 9163    | 14040  | 299127 | <a href="#">Larissa Pelucio</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | gêneros   sexualidades   mídias digitais   teoria queer   estudos pós-coloniais  | 23      | 18          | 0.783               | 43        | 25          | 0.581               | 2970     | 1619        | 0.545               |
| 204   | 9164    | 14041  | 299128 | <a href="#">Lauro Pereira</a>                |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>                                      | <a href="#">Pesquisador da Embrapa meio Ambiente</a><br>Planejamento rural sustentável   avaliação da aptidão agrícola   solos   erosão do solo   agroecologia | 23      | 18          | 0.783               | 53        | 31          | 0.585               | 2969     | 1427        | 0.481               |
| 32  | 9165    | 14043  | 299146 | <a href="#">Joaquim Dos Santos</a>           |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>                                      | <a href="#">Inpa</a><br>manejo florestal   | 23      | 17          | 0.739               | 32        | 21          | 0.656               | 2964     | 1020        | 0.344               |
| 389   | 9166    | 14045  | 299163 | <a href="#">Leonardo Barbosa E Oliveira</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Internet of Things   Cybersecurity   Data Science   | 23      | 16          | 0.696               | 34        | 22          | 0.647               | 2960     | 852         | 0.288               |
| 146   | 9167    | 14047  | 299212 | <a href="#">Jose Tadeu Oliveira</a>          |  Brazil   | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">UNIVERSIDAFEDERALCEARÁ</a><br>BIOQUÍMICA E BIOLOGIA MOLECULAR DE PLANTAS   PROTEÍNAS VEGETAIS   PEPTÍDEOS BIOATIVOS                                | 23      | 16          | 0.696               | 34        | 19          | 0.559               | 2951     | 1123        | 0.381               |
| 615   | 9168    | 14050  | 299248 | <a href="#">Luciana Alves</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Social Sciences / Demography</a><br>Demografia   Epidemiologia do Envelhecimento e das Doenças Crônicas/Demography   health and aging.             | 23      | 17          | 0.739               | 31        | 27          | 0.871               | 2938     | 1241        | 0.422               |
| 205   | 9169    | 14051  | 299250 | <a href="#">Alineaurea Florentino Silva</a>  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>                                      | <a href="#">Pesquisadora da Embrapa Semiárido, Doutoranda Prodema</a><br>Meio Ambiente   Agroecologia   Agricultura Alternativa.                               | 23      | 12          | 0.522               | 58        | 16          | 0.276               | 2937     | 1531        | 0.521               |
| 2260  | 9170    | 14052  | 299261 | <a href="#">Maria Sylvia Macchione Saes</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia das organizações  | 23      | 14          | 0.609               | 66        | 33          | 0.500               | 2935     | 1082        | 0.369               |
| 2261  | 9171    | 14053  | 299368 | <a href="#">Daniel Scherer De Moura</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica de Plantas  | 23      | 19          | 0.826               | 31        | 26          | 0.839               | 2908     | 1188        | 0.409               |
| 113   | 9172    | 14054  | 299395 | <a href="#">Maria Cecilia De Paula Silva</a> |  Brazil | <a href="#">Universidade Federal da Bahia</a>  | <a href="#">Education / Education</a><br>Educação   Multidisciplinar   Ciências Humanas e Sociais   História do corpo   Políticas Sociais e Públicas           | 23      | 17          | 0.739               | 66        | 37          | 0.561               | 2902     | 1875        | 0.646               |
| 165   | 9173    | 14055  | 299438 | <a href="#">Gustavo Rigolin</a>              |  Brazil | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">Natural Sciences / Physics</a><br>Quantum Information Theory and Foundations of Quantum Mechanics  | 23      | 16          | 0.696               | 36        | 22          | 0.611               | 2889     | 869         | 0.301               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 27  | 9174    | 14057  | 299490 | <a href="#">Renato Mezan</a>                     |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>                             | <a href="#">Social Sciences / Psychology</a><br>Psicanálise   Filosofia   Epistemologia   Ciências Humanas em geral   | 23      | 13          | 0.565               | 38        | 17          | 0.447               | 2873     | 781         | 0.272               |
| 47  | 9175    | 14062  | 299578 | <a href="#">Renato Altobelli Antunes</a>         |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Corrosão  | 23      | 20          | 0.870               | 42        | 40          | 0.952               | 2855     | 1625        | 0.569               |
| 82  | 9176    | 14063  | 299583 | <a href="#">Sergio Machado Correa</a>            |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                                    | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric Chemistry   Air Pollution   Monitoring   Modeling                        | 23      | 19          | 0.826               | 41        | 33          | 0.805               | 2854     | 1592        | 0.558               |
| 17  | 9177    | 14064  | 299631 | <a href="#">Mauricio Gc Emerenciano</a>          |  Brazil   | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>                                   | <a href="#">Aquaculture biofloc aquaponics </a><br>Integrated Aquaculture systems   biofloc   aquaponics   aquaculture nutrition   circular economy                           | 23      | 23          | 1.000               | 32        | 30          | 0.938               | 2842     | 2092        | 0.736               |
| 2262  | 9178    | 14066  | 299719 | <a href="#">Marcelo Pereira De Souza</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Avaliação do Impacto Ambiental</a><br>avaliação de impacto ambiental   estudo de impacto ambiental   política ambiental   instrumentos de gestão ambiental        | 23      | 14          | 0.609               | 39        | 22          | 0.564               | 2823     | 1161        | 0.411               |
| 19  | 9179    | 14068  | 299824 | <a href="#">Uéslen Rocha Silva</a>               |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>  | <a href="#">Natural Sciences / Physics</a><br>Biophotonics   Nanobiophotonics   Nanotechnology  | 23      | 20          | 0.870               | 30        | 28          | 0.933               | 2795     | 1975        | 0.707               |
| 2263  | 9180    | 14069  | 299837 | <a href="#">Claudio Aguiar</a>                   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Tecnologia Açúcar</a><br>Separation and Purification. Biocoagulants.  | 23      | 13          | 0.565               | 48        | 22          | 0.458               | 2790     | 941         | 0.337               |
| 2   | 9181    | 14070  | 299865 | <a href="#">Alexandre A. Emerick</a>             |  Brazil   | <a href="#">Petróleo Brasileiro SA (PETROBRAS)</a>   | <a href="#">Petrobras Research and Development Center (CENPES)</a><br>Reservoir Simulation   Data Assimilation   History Matching   Uncertainty Quantification   Optimization | 23      | 21          | 0.913               | 36        | 30          | 0.833               | 2785     | 1882        | 0.676               |
| 147   | 9182    | 14074  | 299938 | <a href="#">Francisco De Assis Aquino Gondim</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurology  | 23      | 14          | 0.609               | 51        | 21          | 0.412               | 2769     | 1152        | 0.416               |
| 148   | 9183    | 14075  | 299962 | <a href="#">Amauri Jardim De Paula</a>           |  Brazil | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Natural Sciences / Physics</a>  | 23      | 18          | 0.783               | 36        | 31          | 0.861               | 2765     | 1795        | 0.649               |
| 48  | 9184    | 14080  | 300027 | <a href="#">Maria Teresa Carthery Goulart</a>    |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>  | <a href="#">Social Sciences / Psychology</a><br>Cognitive Psychology   Psycholinguistics   Neuropsychology   Dementia   Language  | 23      | 17          | 0.739               | 36        | 26          | 0.722               | 2751     | 1044        | 0.379               |
| 34  | 9185    | 14082  | 300036 | <a href="#">Ricardo Sales dos Santos</a>         |  Brazil | <a href="#">Hospital Israelita Albert Einstein</a>   | <a href="#">Hospital Israelita Albert Einstein.</a><br>Cirurgia torácica   Robótica   Broncoscopia   Câncer de pulmão   Oncologia Torácica                                    | 23      | 16          | 0.696               | 36        | 26          | 0.722               | 2750     | 972         | 0.353               |
| 7   | 9186    | 14083  | 300070 | <a href="#">Ana Luisa KM Albermaz</a>            |  Brazil | <a href="#">Museu Paraense Emilio Goeldi</a>   | <a href="#">Museu Paraense Emilio Goeldi</a><br>Ecology   Conservation  | 23      | 13          | 0.565               | 40        | 27          | 0.675               | 2742     | 923         | 0.337               |
| 34  | 9187    | 14085  | 300101 | <a href="#">Antonio Gledson De Carvalho</a>      |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Fundação Getulio Vargas</a>   | 23      | 14          | 0.609               | 38        | 23          | 0.605               | 2735     | 1032        | 0.377               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 590   | 9188    | 14086  | 300122 | <a href="#">Denis Renó</a>                        | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | Comunicação   jornalismo   fotografia   fotojornalismo   narrativa transmídia   | 23      | 18          | 0.783               | 44        | 31          | 0.705               | 2731     | 1682        | 0.616               |
| 83  | 9189    | 14087  | 300133 | <a href="#">Elke Bromberg</a>                     | <br>Brazil   | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neuroscience   cognition   aging   physiology   stress                            | 23      | 16          | 0.696               | 31        | 21          | 0.677               | 2729     | 1063        | 0.390               |
| 17  | 9190    | 14088  | 300144 | <a href="#">Flávio França</a>                     | <br>Brazil   | <a href="#">Universidade Estadual de Feira de Santana UEFS</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Literatura  | 23      | 14          | 0.609               | 40        | 18          | 0.450               | 2724     | 1170        | 0.430               |
| 24  | 9191    | 14089  | 300171 | <a href="#">Marcelo Lourenço Da Silva</a>         | <br>Brazil   | <a href="#">Universidade Federal de Alfenas UNIFAL-MG</a>                   | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   Dor   Farmacologia  | 23      | 17          | 0.739               | 60        | 31          | 0.517               | 2718     | 1326        | 0.488               |
| 15  | 9192    | 14090  | 300225 | <a href="#">Diego Nehab</a>                       | <br>Brazil   | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>            | <a href="#">Professor/Researcher at IMPA</a><br>Computer Graphics   Computer Vision   Parallel Algorithms                                       | 23      | 15          | 0.652               | 28        | 18          | 0.643               | 2709     | 813         | 0.300               |
| 2264  | 9193    | 14092  | 300319 | <a href="#">Rodrigo Augusto Santinelo Pereira</a> | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">FFCLRP/USP</a>  | 23      | 17          | 0.739               | 43        | 27          | 0.628               | 2687     | 1476        | 0.549               |
| 2265  | 9194    | 14093  | 300330 | <a href="#">Leandro De Lajonquiã Re</a>           | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | Psicanalise   Educação  | 23      | 13          | 0.565               | 48        | 19          | 0.396               | 2685     | 842         | 0.314               |
| 2266  | 9195    | 14094  | 300334 | <a href="#">Augusto Santos</a>                    | <br>Brazil  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Anesthesiology and Reanimation</a><br>Anestesiologia   Farmacologia   Terapia Intensiva   Cardiologia | 23      | 16          | 0.696               | 63        | 30          | 0.476               | 2684     | 1101        | 0.410               |
| 49  | 9196    | 14095  | 300346 | <a href="#">Fernando Giacomelli</a>               | <br>Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                           | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomedicine   colloids   polymeric nanoparticles              | 23      | 17          | 0.739               | 54        | 35          | 0.648               | 2681     | 1174        | 0.438               |
| 358   | 9197    | 14097  | 300380 | <a href="#">Helena Moraes</a>                     | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Federal University of Rio de Janeiro</a>  | 23      | 18          | 0.783               | 31        | 26          | 0.839               | 2675     | 1342        | 0.502               |
| 64  | 9198    | 14102  | 300457 | <a href="#">Eduardo Santos</a>                    | <br>Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Immunogenetics   Infectious Diseases   Bioinformatics                    | 23      | 13          | 0.565               | 38        | 21          | 0.553               | 2662     | 1360        | 0.511               |
| 8   | 9199    | 14107  | 300600 | <a href="#">Keila Grinberg</a>                    | <br>Brazil | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a>     | <a href="#">RioJaneiro</a>  | 23      | 17          | 0.739               | 49        | 32          | 0.653               | 2633     | 1060        | 0.403               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 68  | 9200    | 14109  | 300654 | <a href="#">Rodrigo Caiado</a>               |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">(PUCRio)andãe!</a><br>Industry 4.0   MCDM   SCM   BIM   Circular economy  | 23      | 23          | 1.000               | 35        | 33          | 0.943               | 2624     | 2598        | 0.990               |
| 616   | 9201    | 14111  | 300687 | <a href="#">Paulo S Martins Pedro</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">UNICAMP</a><br>FLEXIBLE CYBER-PHYSICAL SYSTEMS   REAL-TIME EMBEDDED SYSTEMS   NETWORKS   SIMULATION (interdisciplinary)         | 23      | 18          | 0.783               | 54        | 36          | 0.667               | 2619     | 1387        | 0.530               |
| 33  | 9202    | 14113  | 300721 | <a href="#">Marcos Pedlowski</a>             |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>    | estudos ambientais   planejamento regional  | 23      | 16          | 0.696               | 37        | 25          | 0.676               | 2614     | 926         | 0.354               |
| 7   | 9203    | 14114  | 300747 | <a href="#">Danny Pimentel Claro</a>         |  Brazil   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                      | <a href="#">Business &amp; Management / Marketing</a><br>Marketing   Sales   Networks   | 23      | 16          | 0.696               | 37        | 25          | 0.676               | 2609     | 1051        | 0.403               |
| 35  | 9204    | 14115  | 300755 | <a href="#">Mario Lenza</a>                  |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                         | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>Ortopedia e Traumatologia   Orthopaedics   Shoulder and Elbow | 23      | 19          | 0.826               | 33        | 29          | 0.879               | 2608     | 1495        | 0.573               |
| 216   | 9205    | 14119  | 300820 | <a href="#">Rosani Santos Reis</a>           |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Fundação Oswaldo Cruz</a>   | 23      | 15          | 0.652               | 43        | 23          | 0.535               | 2596     | 1126        | 0.434               |
| 2267  | 9206    | 14120  | 300852 | <a href="#">Silgia Costa</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">TêxtilMo</a><br>Têxteis Técnicos   Biomateriais   Enzimas   Tratamento de Efluente  | 23      | 15          | 0.652               | 29        | 23          | 0.793               | 2593     | 801         | 0.309               |
| 1   | 9207    | 14121  | 300864 | <a href="#">Sonia Maria Soares Ferreira</a>  |  Brazil   | <a href="#">Centro Universitário Cesmac</a>                                | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia  | 23      | 19          | 0.826               | 45        | 31          | 0.689               | 2590     | 1549        | 0.598               |
| 180   | 9208    | 14122  | 300882 | <a href="#">Natacha Toral</a>                |  Brazil  | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">da UnversidBrasília</a><br>nutrição   adolescência   comportamento alimentar  | 23      | 17          | 0.739               | 36        | 27          | 0.750               | 2587     | 986         | 0.381               |
| 96  | 9209    | 14124  | 300886 | <a href="#">Alex Sandro Gomes</a>            |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">informaticUFPE</a><br>Technology Enhanced Learning  | 23      | 16          | 0.696               | 71        | 31          | 0.437               | 2586     | 1325        | 0.512               |
| 359   | 9210    | 14126  | 300931 | <a href="#">Jorge Pb Marcondes De Souza</a>  |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>neurosurgery   neuroscience   neurovascular   epilepsy                        | 23      | 20          | 0.870               | 39        | 23          | 0.590               | 2577     | 1648        | 0.640               |
| 206   | 9211    | 14127  | 300940 | <a href="#">Ederson Jesus</a>                |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador, Embrapa</a><br>Microbiologia   | 23      | 19          | 0.826               | 30        | 27          | 0.900               | 2576     | 1434        | 0.557               |
| 2268  | 9212    | 14128  | 300967 | <a href="#">Jose Angelo Lauletta Lindoso</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>Doenças tropicais   biologia molecular   Leishmanioses   Imunologia    | 23      | 17          | 0.739               | 39        | 30          | 0.769               | 2571     | 1298        | 0.505               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 20  | 9213    | 14129  | 300973 | <a href="#">Carlos Luiz Massard</a>                      |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>     | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia Animal   Doenças Parasitárias   Protozoologia   | 23      | 18          | 0.783               | 60        | 30          | 0.500               | 2570     | 871         | 0.339               |
| 64  | 9214    | 14132  | 301049 | <a href="#">Nelio Cacho</a>                              |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Smart City   Cloud Computing   Exception Handling  | 23      | 17          | 0.739               | 52        | 29          | 0.558               | 2560     | 833         | 0.325               |
| 144   | 9215    | 14133  | 301050 | <a href="#">Olga Regina Pereira Bellon</a>               |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer Vision & Graphics   Pattern Recognition   Biometrics   Medical IA & Medical Images                                    | 23      | 14          | 0.609               | 45        | 17          | 0.378               | 2560     | 750         | 0.293               |
| 201   | 9216    | 14134  | 301051 | <a href="#">Carlos Henrique Sancineto Da Silva Nunes</a> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Social Sciences / Psychology</a><br>Avaliação Psicológica   Psicometria   Personalidade   Habilidades Socioemocionais   | 23      | 17          | 0.739               | 38        | 25          | 0.658               | 2560     | 892         | 0.348               |
| 84  | 9217    | 14135  | 301058 | <a href="#">João Batista Duarte</a>                      |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                      | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant breeding   Quantitative genetics   Experimental design   Applied statistics   Scientific Methodology                          | 23      | 13          | 0.565               | 45        | 20          | 0.444               | 2558     | 938         | 0.367               |
| 36  | 9218    | 14138  | 301125 | <a href="#">Patricia Maria de Carvalho Aguiar</a>        |  Brazil   | <a href="#">Hospital Israelita Albert Einstein</a>                     | <a href="#">Hospital Israelita Albert Einstein- Instituto do Cérebro: Departamento de Neurologia e ...</a><br>Parkinson's disease   dystonia   Huntington's disease   tremor   movement disorders | 23      | 13          | 0.565               | 41        | 22          | 0.537               | 2549     | 642         | 0.252               |
| 617   | 9219    | 14140  | 301143 | <a href="#">Roberta Gurgel Azzi</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Social Sciences / Psychology</a>  | 23      | 17          | 0.739               | 56        | 30          | 0.536               | 2545     | 1274        | 0.501               |
| 591   | 9220    | 14141  | 301144 | <a href="#">Luiz Carlos Marques</a>                      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Clínica Ruminantes</a><br>Clínica e Cirurgia Animal   | 23      | 16          | 0.696               | 47        | 23          | 0.489               | 2545     | 1162        | 0.457               |
| 121   | 9221    | 14143  | 301197 | <a href="#">Mitsue Fujimaki</a>                          |  Brazil  | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Saúde Coletiva   | 23      | 19          | 0.826               | 33        | 30          | 0.909               | 2538     | 1129        | 0.445               |
| 207   | 9222    | 14144  | 301202 | <a href="#">Eliseu Alves</a>                             |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia agrícola   política agrícola   | 23      | 15          | 0.652               | 46        | 24          | 0.522               | 2537     | 1207        | 0.476               |
| 14  | 9223    | 14146  | 301245 | <a href="#">Andre Gustavo Adami</a>                      |  Brazil | <a href="#">Universidade de Caxias do Sul</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Speech Processing   Speaker Recognition   Pattern Recognition   Home HealthCare  | 23      | 11          | 0.478               | 32        | 14          | 0.438               | 2531     | 635         | 0.251               |
| 3   | 9224    | 14147  | 301258 | <a href="#">Marina Tiemi Shio</a>                        |  Brazil | <a href="#">Universidade de Santo Amaro UNISA</a>                      | <a href="#">Santo Amaro Filosofia Letras e Artes</a><br>Diagnóstico laboratorial   atenção farmacêutica   interação parasito-hospedeiro   doenças metabólicas   nanopartículas                    | 23      | 16          | 0.696               | 28        | 19          | 0.679               | 2529     | 1086        | 0.429               |
| 2269  | 9225    | 14148  | 301277 | <a href="#">Mauro Sergio Dorsa Cattani</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física  | 23      | 12          | 0.522               | 63        | 13          | 0.206               | 2525     | 481         | 0.190               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 592   | 9226    | 14151  | 301338 | <a href="#">Antonio Maria Garcia Tommaselli</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Fotogrametria</a><br>Fotogrametria  | 23      | 19          | 0.826               | 62        | 34          | 0.548               | 2517     | 1532        | 0.609               |
| 2270  | 9227    | 14152  | 301340 | <a href="#">Edson Wendland</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">/SãoCarlos</a><br>Hidrogeologia   Hidráulica   Recursos Hídricos   Águas Subterrâneas   | 23      | 20          | 0.870               | 46        | 37          | 0.804               | 2517     | 1777        | 0.706               |
| 202   | 9228    | 14153  | 301384 | <a href="#">Maurício Serva</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Administração</a><br>Pragmatismo   Ação coletiva   Epistemologia   Sociologia da ciência   Racionalidade  | 23      | 16          | 0.696               | 39        | 23          | 0.590               | 2511     | 781         | 0.311               |
| 7   | 9229    | 14154  | 301389 | <a href="#">Flávia Carolina Alonso Buriti</a>   |  Brazil   | <a href="#">Universidade Estadual da Paraíba UEPP</a>                  | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Human Nutrition   Food Science and Technology   Food Analysis   Byproduct Upgrading                                      | 23      | 19          | 0.826               | 32        | 30          | 0.938               | 2511     | 1068        | 0.425               |
| 166   | 9230    | 14157  | 301427 | <a href="#">Celso Jorge Villas Boas</a>         |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Physics</a><br>Quantum Optics   Quantum Information   Quantum Computing   Quantum Communication   Electromagnetically Induced Transparency                               | 23      | 14          | 0.609               | 35        | 25          | 0.714               | 2504     | 881         | 0.352               |
| 31  | 9231    | 14158  | 301454 | <a href="#">João Braga</a>                      |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Pesquisador do INPE</a><br>astrofísica   física   instrumentação   software   | 23      | 14          | 0.609               | 52        | 17          | 0.327               | 2500     | 787         | 0.315               |
| 2271  | 9232    | 14160  | 301500 | <a href="#">Mariana Matera Veras</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicina</a><br>patologia toxicológica   toxicologia reprodutiva  | 23      | 22          | 0.957               | 36        | 31          | 0.861               | 2493     | 1924        | 0.772               |
| 31  | 9233    | 14161  | 301503 | <a href="#">José Dantas Neto</a>                |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                 | <a href="#">irrigação e drenagem</a><br>Irrigação   drenagem   solos agrícolas   uso racional da água   | 23      | 12          | 0.522               | 59        | 19          | 0.322               | 2492     | 1013        | 0.407               |
| 101   | 9234    | 14163  | 301554 | <a href="#">Luciane Neves Canha</a>             |  Brazil  | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Renewable Energy   Smart Grids   Electric Mobility   Energy Storage   Distributed Energy Resources Management | 23      | 15          | 0.652               | 45        | 26          | 0.578               | 2484     | 1094        | 0.440               |
| 226   | 9235    | 14164  | 301570 | <a href="#">Magnus R Dias Da Silva</a>          |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia e Metabolologia   Bioquímica e Biologia Molecular  | 23      | 16          | 0.696               | 47        | 28          | 0.596               | 2482     | 1144        | 0.461               |
| 16  | 9236    | 14165  | 301576 | <a href="#">Carlos Kusano Bucalen Ferrari</a>   |  Brazil | <a href="#">Universidade Federal de Mato Grosso</a>                    | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition and Food Science   Adolescent Health   Gerontology   Immunology  | 23      | 14          | 0.609               | 40        | 22          | 0.550               | 2481     | 855         | 0.345               |
| 390   | 9237    | 14166  | 301581 | <a href="#">Lívia Guimarães Zina</a>            |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Saúde Materno-infantil   Pré-natal odontológico   Aleitamento materno   Odontologia Baseada em Evidência   Saúde Coletiva                    | 23      | 15          | 0.652               | 30        | 20          | 0.667               | 2481     | 835         | 0.337               |
| 38  | 9238    | 14167  | 301592 | <a href="#">Danilo Bandini Ribeiro</a>          |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Restauração Ecológica   Indicadores ecológicos   Fragmentação Florestal   Degradação Florestal                                      | 23      | 21          | 0.913               | 30        | 27          | 0.900               | 2479     | 1911        | 0.771               |
| 217   | 9239    | 14168  | 301612 | <a href="#">Alejandro Correa Dominguez</a>      |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Pesquisador em Saúde Pública, Instituto Carlos Chagas - Fiocruz/PR</a><br>Biologia molecular da célula   células-tronco   granulos mRNP   vesículas extracelulares.                         | 23      | 17          | 0.739               | 37        | 27          | 0.730               | 2476     | 776         | 0.313               |


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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 25  | 9240    | 14169  | 301657 | <a href="#">Nara Hellen Campanha Bombarda</a>    |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>            | <a href="#">PrótesePontGrossa</a><br>Reabilitação Oral   Prótese   Materiais Dentários   | 23      | 17          | 0.739               | 34        | 27          | 0.794               | 2471     | 1364        | 0.552               |
| 167   | 9241    | 14170  | 301666 | <a href="#">Tiago A Almeida</a>                  |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Artificial Intelligence   Machine Learning   Text Categorization   | 23      | 15          | 0.652               | 35        | 23          | 0.657               | 2469     | 1560        | 0.632               |
| 14  | 9242    | 14171  | 301670 | <a href="#">Marelza Regina Ismael Martins</a>    |  Brazil   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a> | <a href="#">TERAPEUTOCUPACIONALFAMERP</a><br>DOR CRÔNICA   QUALIDADE DE VIDA   DISTÚRBIOS DE APRENDIZAGEM  | 23      | 18          | 0.783               | 41        | 24          | 0.585               | 2468     | 1288        | 0.522               |
| 203   | 9243    | 14176  | 301769 | <a href="#">Daniel Coutinho</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>           | <a href="#">UFSC</a><br>robust control   nonlinear systems   time-delay systems   descriptor systems   | 23      | 15          | 0.652               | 60        | 27          | 0.450               | 2453     | 947         | 0.386               |
| 2272  | 9244    | 14177  | 301806 | <a href="#">Jacques Marcovitch</a>               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Business &amp; Management / Business Administration</a><br>Strategic Management   Innovation Management   Entrepreneurship   Greenhouse Gases Mitigation   Latin America             | 23      | 12          | 0.522               | 47        | 13          | 0.277               | 2447     | 502         | 0.205               |
| 218   | 9245    | 14179  | 301849 | <a href="#">Maria Fernanda Rios Grassi</a>       |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                 | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Infectious diseases   retrovirology   HTLV  | 23      | 18          | 0.783               | 56        | 30          | 0.536               | 2441     | 989         | 0.405               |
| 20  | 9246    | 14182  | 301857 | <a href="#">Eduardo JS Fonseca</a>               |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>                       | <a href="#">Universidade Federal de Alagoas</a>  | 23      | 17          | 0.739               | 49        | 37          | 0.755               | 2440     | 1257        | 0.515               |
| 3   | 9247    | 14185  | 301897 | <a href="#">Fabio Fernando De Araujo</a>         |  Brazil  | <a href="#">Universidade do Oeste Paulista UNOESTE</a>                |  | 23      | 18          | 0.783               | 55        | 37          | 0.673               | 2435     | 1289        | 0.529               |
| 4   | 9248    | 14189  | 301939 | <a href="#">Antonio Santana</a>                  |  Brazil | <a href="#">Universidade Federal Rural da Amazônia</a>                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia dos Recursos Naturais   Mercado e comercialização   Cadeias produtivas   Métodos quantitativos em economia   Economia ag    | 23      | 15          | 0.652               | 81        | 30          | 0.370               | 2430     | 1061        | 0.437               |
| 2273  | 9249    | 14191  | 301993 | <a href="#">Claudia Regina Fernandes Souza</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Phytopharmaceutical Technology   Microencapsulation of Bioproducts   Spray Drying   Fluidized Bed Drying | 23      | 16          | 0.696               | 52        | 35          | 0.673               | 2423     | 1441        | 0.595               |
| 97  | 9250    | 14192  | 302000 | <a href="#">Luiz Alcino Gueiros</a>              |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Medicine   Dentistry   | 23      | 19          | 0.826               | 51        | 36          | 0.706               | 2422     | 1787        | 0.738               |
| 2274  | 9251    | 14193  | 302050 | <a href="#">Marcelo Eidi Nita</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Medical and Health Sciences / Health Sciences</a><br>Health Technology Assessment   Healthcare management   Evidence Based Healthcare   Economic analysis   Value based Healthcare   | 23      | 11          | 0.478               | 34        | 14          | 0.412               | 2417     | 431         | 0.178               |
| 2275  | 9252    | 14196  | 302067 | <a href="#">Roberto Cesar De Oliveira Romano</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Engenharia de Materiais   Engenharia Civil   Química   | 23      | 17          | 0.739               | 52        | 30          | 0.577               | 2414     | 1105        | 0.458               |
| 2276  | 9253    | 14198  | 302078 | <a href="#">Marilene Lopes</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                         | <a href="#">doutora</a><br>Neurobiologia e Celulas-tronco  | 23      | 17          | 0.739               | 33        | 26          | 0.788               | 2413     | 742         | 0.308               |

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| University  | Country | Region | World  | Name                                       | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 618   | 9254    | 14200  | 302082 | <a href="#">Marcelo Esteban Coniglio</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Logic  | 23      | 13          | 0.565               | 50        | 18          | 0.360               | 2412     | 865         | 0.359               |
| 3   | 9255    | 14202  | 302142 | <a href="#">Vittorio Moraschini</a>        |  Brazil   | <a href="#">Universidade Veiga de Almeida</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Implantodontia   Biomateriais   | 23      | 23          | 1.000               | 34        | 34          | 1.000               | 2405     | 2030        | 0.844               |
| 2277  | 9256    | 14205  | 302205 | <a href="#">Francisco Luna</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Economics &amp; Econometrics / Economics</a><br>Economia   história econômica   historia do Brasil   escravidão   agricultura                | 23      | 14          | 0.609               | 47        | 16          | 0.340               | 2397     | 836         | 0.349               |
| 227   | 9257    | 14207  | 302235 | <a href="#">Debora Hipolide</a>            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>  | Sleep   memory   | 23      | 11          | 0.478               | 38        | 11          | 0.289               | 2394     | 609         | 0.254               |
| 45  | 9258    | 14208  | 302247 | <a href="#">Hermes Zaneti Junior</a>       |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>   | <a href="#">Law / Law and Legal Studies</a><br>civil procedure   comparative law   constitutional law   collective redress   precedents and legal theory | 23      | 16          | 0.696               | 37        | 24          | 0.649               | 2393     | 1254        | 0.524               |
| 2278  | 9259    | 14209  | 302286 | <a href="#">Flavia Mori Sarti</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Social Sciences / Political Science</a><br>políticas públicas de saúde   nutrição   economia da saúde  | 23      | 19          | 0.826               | 44        | 31          | 0.705               | 2388     | 1350        | 0.565               |
| 12  | 9260    | 14213  | 302349 | <a href="#">Álvaro Da Silva Santos</a>     |  Brazil   | <a href="#">Universidade Federal do Triângulo Mineiro UFTM</a>                                   | <a href="#">Associação de Saúde Coletiva</a><br>Saúde Coletiva / Saúde do Idoso / Educação em Saúde / Psicanálise  | 23      | 17          | 0.739               | 72        | 36          | 0.500               | 2380     | 1367        | 0.574               |
| 19  | 9261    | 14215  | 302361 | <a href="#">Ilana Nogueira Bezerra</a>     |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia nutricional  | 23      | 21          | 0.913               | 35        | 34          | 0.971               | 2379     | 1379        | 0.580               |
| 35  | 9262    | 14216  | 302392 | <a href="#">Paulo Gala</a>                 |  Brazil  | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor FGV /EESP</a><br>Economia  | 23      | 16          | 0.696               | 32        | 24          | 0.750               | 2376     | 1163        | 0.489               |
| 168   | 9263    | 14219  | 302460 | <a href="#">Marcelo De Araujo Ferreira</a> |  Brazil | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Engenharia de Estruturas   Estruturas de Concreto   Estruturas Pré-Moldadas          | 23      | 14          | 0.609               | 56        | 21          | 0.375               | 2368     | 865         | 0.365               |
| 36  | 9264    | 14220  | 302475 | <a href="#">Maria José Tonelli</a>         |  Brazil | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professora na FGV EAESP</a><br>estudos organizacionais   gênero   envelhecimento   métodos qualitativos de pesquisa                          | 23      | 15          | 0.652               | 45        | 23          | 0.511               | 2366     | 875         | 0.370               |
| 619   | 9265    | 14222  | 302558 | <a href="#">Ronei Luciano Mamoni</a>       |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 23      | 16          | 0.696               | 35        | 28          | 0.800               | 2357     | 790         | 0.335               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 37  | 9266    | 14223  | 302573 | <a href="#">Jorge Mt Carneiro</a>   |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas</a><br><a href="#">Fundação Getulio Vargas</a> | <a href="#">FGV EAESP Sao Paulo School of Business Administration</a><br>international business   international management   strategic management   behavioral strategy | 23      | 19          | 0.826               | 41        | 27          | 0.659               | 2355     | 1185        | 0.503               |
| 20  | 9267    | 14225  | 302616 | <a href="#">Mona Lisa Oliveira</a>  |  Brazil   | <a href="#">Universidade Estadual do Ceará</a>  | Produção de caprinos e ovinos   Sistemas silvipastoris   Pastagens e Forragicultura   | 23      | 15          | 0.652               | 53        | 23          | 0.434               | 2350     | 1126        | 0.479               |
| 114   | 9268    | 14231  | 302710 | <a href="#">Renato Delmondez De Castro</a>  |  Brazil   | <a href="#">Universidade Federal da Bahia</a>   | Fisiologia molecular e bioquímica de plantas e sementes   | 23      | 17          | 0.739               | 43        | 24          | 0.558               | 2339     | 958         | 0.410               |
| 145   | 9269    | 14232  | 302733 | <a href="#">Antonio Carlos Batista</a>  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>  | recursos florestais   incêndios florestais   conservação da natureza   meteorologia florestal   | 23      | 15          | 0.652               | 65        | 30          | 0.462               | 2336     | 1237        | 0.530               |
| 219   | 9270    | 14233  | 302744 | <a href="#">Isadora Siqueira</a>  |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>   | <a href="#">CPqGM- Fiocruz</a>  | 23      | 18          | 0.783               | 37        | 27          | 0.730               | 2335     | 1387        | 0.594               |
| 38  | 9271    | 14236  | 302783 | <a href="#">Cláudio Couto Cláudio Gonçalves Couto, Claudio G. Couto, C. Couto</a> |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas</a><br><a href="#">Fundação Getulio Vargas</a> | <a href="#">Fundação Getúlio Vargas</a><br>Political Institutions   Brazilian Politics   Constitutionalism   Political Parties   Federalism                             | 23      | 14          | 0.609               | 38        | 23          | 0.605               | 2330     | 867         | 0.372               |
| 32  | 9272    | 14238  | 302793 | <a href="#">Patricio Borges Maracaja</a>  |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>  | <a href="#">VisitanteCCJS/UFCGSousPB</a><br>Interdisciplinar   Ciências Agrárias   Apicultura e Meliponicultura   | 23      | 15          | 0.652               | 73        | 27          | 0.370               | 2329     | 1084        | 0.465               |
| 593   | 9273    | 14239  | 302837 | <a href="#">Sergio Antonio De Bortoli</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Biologia de insetos   Criação de insetos   Controle biológico de pragas   Manejo de pragas.                 | 23      | 15          | 0.652               | 66        | 29          | 0.439               | 2324     | 973         | 0.419               |
| 84  | 9274    | 14240  | 302873 | <a href="#">Carla Suertegaray Fontana</a>   |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>   | Ornitologia   Biologia Reprodutiva de aves   História Natural   Conservação   | 23      | 17          | 0.739               | 42        | 29          | 0.690               | 2321     | 1153        | 0.497               |
| 2279  | 9275    | 14243  | 302918 | <a href="#">Renata Frazão</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>   | <a href="#">UniversidSãofo Paulo</a><br>Neuroendocrinology  | 23      | 21          | 0.913               | 33        | 28          | 0.848               | 2317     | 1258        | 0.543               |
| 33  | 9276    | 14244  | 302923 | <a href="#">Laura Hecker De Carvalho</a>  |  Brazil | <a href="#">Universidade Federal de Campina Grande</a>  | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materiais   | 23      | 17          | 0.739               | 39        | 21          | 0.538               | 2316     | 939         | 0.405               |
| 6   | 9277    | 14245  | 302959 | <a href="#">Michel de Almeida Silva</a>   |  Brazil | <a href="#">Universidade Federal do Norte do Tocantins</a>  | <a href="#">Masters student at the Federal University of Tocantins</a><br>Data Mining   Text Mining   | 23      | 13          | 0.565               | 69        | 22          | 0.319               | 2312     | 896         | 0.388               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 208   | 9278    | 14246  | 302961 | <a href="#">Paulo Augusto Esteves</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Embrapa Suínos e Aves</a><br>Virologia   epidemiologia   filogenia   | 23      | 14          | 0.609               | 52        | 26          | 0.500               | 2312     | 1036        | 0.448               |
| 594   | 9279    | 14250  | 303027 | <a href="#">Hirasilva Borba</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Tecnologia de Produtos de Origem Animal  | 23      | 14          | 0.609               | 59        | 22          | 0.373               | 2305     | 934         | 0.405               |
| 220   | 9280    | 14251  | 303041 | <a href="#">Aldo Pacheco Ferreira</a>   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fundação Oswaldo Cruz, Escola Nacional de Saúde Pública Sergio Arouca (ENSP...)</a><br>Violência e Saúde   Direitos humanos e saúde                                  | 23      | 16          | 0.696               | 59        | 31          | 0.525               | 2304     | 1217        | 0.528               |
| 42  | 9281    | 14252  | 303064 | <a href="#">Paulo Drews-Jr Paulo Lilles Jorge Drews Junior, Paulo Drews, Paulo Drews Junior</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Robotics   Field Robotics   Underwater Imaging   Computer Vision   Pattern Recognition | 23      | 18          | 0.783               | 54        | 41          | 0.759               | 2302     | 1722        | 0.748               |
| 122   | 9282    | 14253  | 303067 | <a href="#">Valéria Neves Domingos Cavalcanti</a>   |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | Controle e Estabilização de Sistemas Distribuídos  | 23      | 17          | 0.739               | 35        | 25          | 0.714               | 2302     | 944         | 0.410               |
| 2280  | 9283    | 14256  | 303148 | <a href="#">Geraldo Romanelli</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">aposentEsênior</a><br>Família - parentesco - paternidade   | 23      | 12          | 0.522               | 37        | 17          | 0.459               | 2295     | 478         | 0.208               |
| 169   | 9284    | 14257  | 303156 | <a href="#">Dalva M Silva Matos</a>   |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   conservation  | 23      | 16          | 0.696               | 47        | 29          | 0.617               | 2294     | 1059        | 0.462               |
| 8   | 9285    | 14258  | 303160 | <a href="#">Ana Carolina De Mattos Zeri</a>   |  Brazil  | <a href="#">Laboratório Nacional de Luz Síncrotron</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Biologia estrutural   metabolismo   descoberta de fármacos   educação não-formal  | 23      | 16          | 0.696               | 32        | 24          | 0.750               | 2294     | 976         | 0.425               |
| 2281  | 9286    | 14260  | 303177 | <a href="#">Luiz Augusto Ferreira Lisboa</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Cardiovascular Surgery</a><br>Cirurgia Cardiovascular  | 23      | 13          | 0.565               | 44        | 20          | 0.455               | 2292     | 1049        | 0.458               |
| 204   | 9287    | 14262  | 303206 | <a href="#">Alcilene Rodrigues Monteiro Fritz</a>   |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Desenvolvimento de processos e produtos de origem vegetal   Transferencia de calor e massa aplicada em melhoria de processo e pro  | 23      | 19          | 0.826               | 43        | 34          | 0.791               | 2289     | 1501        | 0.656               |
| 31  | 9288    | 14264  | 303244 | <a href="#">Percy Nohama</a>  |  Brazil | <a href="#">Pontifícia Universidade Católica do Paraná PUCPR</a>       | <a href="#">Engineering &amp; Technology / Engineering</a><br>engenharia biomédica   | 23      | 16          | 0.696               | 66        | 30          | 0.455               | 2285     | 1053        | 0.461               |
| 2   | 9289    | 14265  | 303253 | <a href="#">Roberto Bernardes</a>   |  Brazil | <a href="#">Centro Universitário da Fundação Educacional Inaciana</a>  | <a href="#">EstrategiEdInovaÃ&amp;AfoPPGA/PMDGIESPM</a><br>Global Management Innovation  | 23      | 13          | 0.565               | 49        | 20          | 0.408               | 2284     | 761         | 0.333               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 360   | 9290    | 14266  | 303255 | <a href="#">Ana Luiza Coelho Netto</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Geography</a><br>Geomorfologia   Hidrologia   Geoeologia   Gestão de Riscos  | 23      | 12          | 0.522               | 46        | 16          | 0.348               | 2284     | 735         | 0.322               |
| 2282  | 9291    | 14267  | 303258 | <a href="#">Eva Alterman Blay</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃO Paulo</a><br>gênero   imigração  | 23      | 12          | 0.522               | 40        | 16          | 0.400               | 2284     | 733         | 0.321               |
| 2   | 9292    | 14268  | 303296 | <a href="#">Paulo Caetano Da Silva</a>        |  Brazil   | <a href="#">Universidade Salvador UNIFACS</a>                          | <a href="#">Salvador</a><br>XML   XBRL   SOA   Web Semântica   Banco de Dados   | 23      | 14          | 0.609               | 61        | 23          | 0.377               | 2280     | 975         | 0.428               |
| 70  | 9293    | 14269  | 303297 | <a href="#">Guimes Rodrigues Filho</a>        |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>polímeros   reciclagem e reaproveitamento de resíduos industriais e urbanos   história e cultura afro-brasileira e africana | 23      | 15          | 0.652               | 47        | 28          | 0.596               | 2280     | 1006        | 0.441               |
| 620   | 9294    | 14272  | 303313 | <a href="#">Marina Angélica Marciano</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais reparadores em Endodontia  | 23      | 22          | 0.957               | 35        | 32          | 0.914               | 2279     | 1560        | 0.685               |
| 209   | 9295    | 14274  | 303342 | <a href="#">Guilherme Chaer</a>               |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil Science   Soil Microbial Ecology   Silviculture   Land Reclamation   | 23      | 18          | 0.783               | 30        | 28          | 0.933               | 2276     | 1220        | 0.536               |
| 352   | 9296    | 14275  | 303384 | <a href="#">Luiz Carlos Federizzi</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics and Plant Breeding  | 23      | 12          | 0.522               | 70        | 18          | 0.257               | 2271     | 613         | 0.270               |
| 102   | 9297    | 14279  | 303481 | <a href="#">Osvaldo Moraes</a>                |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">MCTUFSM</a><br>Micrometeorologia  | 23      | 14          | 0.609               | 40        | 21          | 0.525               | 2262     | 1124        | 0.497               |
| 2283  | 9298    | 14281  | 303507 | <a href="#">Amanda Aparecida Silva Macaia</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">nNSaúPúblicP</a><br>saúde do trabalhador  | 23      | 15          | 0.652               | 46        | 21          | 0.457               | 2260     | 1027        | 0.454               |
| 621   | 9299    | 14283  | 303551 | <a href="#">Edi Lúcia Sartorato</a>           |  Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>molecular genetics   human genetics  | 23      | 11          | 0.478               | 53        | 16          | 0.302               | 2255     | 565         | 0.251               |
| 6   | 9300    | 14284  | 303552 | <a href="#">Mônica Josene Barbosa Pereira</a> |  Brazil | <a href="#">Universidade do Estado de Mato Grosso UNEMAT</a>           | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Entomologia Agrícola  | 23      | 16          | 0.696               | 51        | 25          | 0.490               | 2255     | 1102        | 0.489               |
| 595   | 9301    | 14285  | 303585 | <a href="#">Maria Cecília Rui Luvizotto</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a><br>Anatomia Patológica  | 23      | 14          | 0.609               | 44        | 20          | 0.455               | 2253     | 700         | 0.311               |
| 2284  | 9302    | 14287  | 303611 | <a href="#">Arnaldo Gammal</a>                |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Bose-Einstein condensation nonlinear waves solitons vortices numerical methods for PDE's </a><br>Bose-Einstein condensation   nonlinear waves   solitons   vortices   numerical methods for PDE's           | 23      | 16          | 0.696               | 40        | 22          | 0.550               | 2251     | 715         | 0.318               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 210   | 9303    | 14288  | 303620 | <a href="#">Antonio Luiz Cerdeira</a>             |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Scientist at the Brazilian Agriculture/USDA/ARS</a><br>Herbicides   natural product   biodiversity  | 23      | 13          | 0.565               | 44        | 21          | 0.477               | 2250     | 603         | 0.268               |
| 74  | 9304    | 14290  | 303630 | <a href="#">Patricia Duarte De Oliveira Paiva</a> |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                              | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Floriculture   Landscaping   Ornamental plants   Postharvest  | 23      | 11          | 0.478               | 77        | 19          | 0.247               | 2249     | 873         | 0.388               |
| 17  | 9305    | 14296  | 303757 | <a href="#">Wedson Medeiros Silva Souto</a>       |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                                    | <a href="#">Universidade Federal do Piauí</a>   | 23      | 19          | 0.826               | 41        | 29          | 0.707               | 2236     | 1159        | 0.518               |
| 3   | 9306    | 14297  | 303761 | <a href="#">Mauro José Costa Salles</a>           |  Brazil   | <a href="#">Faculdade de Ciências Médicas da Santa Casa de São Paulo FCMSCSP</a> | <a href="#">- UNIFESP-EPM (UniversidSão Paulo) e â€¦</a><br>Infectologia   Microbiologia   Biofilme   Infecções Osteoarticulares e Musculosqueléticas           | 23      | 21          | 0.913               | 35        | 31          | 0.886               | 2236     | 1384        | 0.619               |
| 38  | 9307    | 14299  | 303795 | <a href="#">Roger Raupp Rios</a>                  |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>                   | <a href="#">UNISINOS</a><br>Direitos humanos   direito da antidiscriminação   discriminação   gênero   racismo  | 23      | 15          | 0.652               | 39        | 29          | 0.744               | 2232     | 895         | 0.401               |
| 146   | 9308    | 14302  | 303896 | <a href="#">Eduardo Luis Cupertino Ballester</a>  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                   | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>Aqüicultura   Carcinicultura   zootecnia   recursos pesqueiros   biologia                             | 23      | 18          | 0.783               | 37        | 26          | 0.703               | 2224     | 1219        | 0.548               |
| 102   | 9309    | 14303  | 303921 | <a href="#">Ricardo Ralisch</a>                   |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                                | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>máquinas   manejo de solos   plantio direto   impactos dos sistemas de produção        | 23      | 12          | 0.522               | 42        | 18          | 0.429               | 2222     | 780         | 0.351               |
| 34  | 9310    | 14307  | 303961 | <a href="#">Raimundo Carlos Silvério Freire</a>   |  Brazil   | <a href="#">Universidade Federal de Campina Grande</a>                           | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Instrumentação eletrônica   microeletrônica   sensores                | 23      | 14          | 0.609               | 68        | 25          | 0.368               | 2218     | 875         | 0.394               |
| 211   | 9311    | 14309  | 303990 | <a href="#">Rodrigo Da Silveira Nicoloso</a>      |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                      | <a href="#">Agriculture &amp; Forestry / Poultry Production</a><br>Soil science   Composting   Greenhouse gases   Soil organic matter                           | 23      | 19          | 0.826               | 39        | 29          | 0.744               | 2216     | 1051        | 0.474               |
| 391   | 9312    | 14312  | 304003 | <a href="#">Edel Figueiredo Barbosa Stancioli</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                        | <a href="#">Medical and Health Sciences / Microbiology</a><br>Virologia   Microbiologia   Vacinologia   Relação Virus-Hospedeiro   Biologia Celular e Molecular | 23      | 15          | 0.652               | 44        | 25          | 0.568               | 2215     | 945         | 0.427               |
| 2285  | 9313    | 14313  | 304008 | <a href="#">Salvador Claro Neto</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   polímero   análise termica   bioquímica   | 23      | 17          | 0.739               | 35        | 25          | 0.714               | 2215     | 943         | 0.426               |
| 32  | 9314    | 14314  | 304042 | <a href="#">Daniel Vila</a>                       |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                        | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>meteorologia   sensoramento remoto   infraestrutura                    | 23      | 20          | 0.870               | 32        | 23          | 0.719               | 2212     | 1375        | 0.622               |
| 98  | 9315    | 14315  | 304053 | <a href="#">Maria De Fatima De Souza Santos</a>   |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                               | <a href="#">Social Sciences / Psychology</a><br>psicologia social   representações sociais  | 23      | 15          | 0.652               | 54        | 21          | 0.389               | 2210     | 847         | 0.383               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 596   | 9316    | 14316  | 304089 | <a href="#">Regina Takahira</a>                   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Veterinary Clinical Pathology   Hemostasis   Hematology  | 23      | 15          | 0.652               | 55        | 26          | 0.473               | 2207     | 955         | 0.433               |
| 147   | 9317    | 14317  | 304090 | <a href="#">Helton José Alves</a>                 |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Materiais   Catálise   Biocombustíveis  | 23      | 20          | 0.870               | 50        | 41          | 0.820               | 2207     | 1663        | 0.754               |
| 205   | 9318    | 14318  | 304101 | <a href="#">Alfredo C Fantini</a>                 |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Agriculture &amp; Forestry / Forestry</a><br>Floresta tropical   Manejo Florestal   Ecologia Florestal   Silvicultura   Ecologia Humana                             | 23      | 16          | 0.696               | 59        | 32          | 0.542               | 2206     | 933         | 0.423               |
| 392   | 9319    | 14319  | 304122 | <a href="#">Denise Utsch Gonçalves</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>otoneurologia   infectologia e medicina tropical   | 23      | 16          | 0.696               | 59        | 32          | 0.542               | 2204     | 1037        | 0.471               |
| 118   | 9320    | 14321  | 304158 | <a href="#">Rosimere Ferreira Santana</a>         |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                        | Enfermagem   Enfermagem Geriátrica   Processo de Enfermagem   Telenfermagem   Prática Avançada de Enfermagem  | 23      | 16          | 0.696               | 61        | 34          | 0.557               | 2201     | 1311        | 0.596               |
| 228   | 9321    | 14322  | 304161 | <a href="#">Juliana De Lima Lopes</a>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia   | 23      | 18          | 0.783               | 54        | 45          | 0.833               | 2201     | 1461        | 0.664               |
| 2286  | 9322    | 14324  | 304171 | <a href="#">Selma Freire De Carvalho Da Cunha</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Nutritional Therapy   Undernutrition   Vitamins   Minerals                                 | 23      | 12          | 0.522               | 58        | 18          | 0.310               | 2200     | 886         | 0.403               |
| 65  | 9323    | 14328  | 304192 | <a href="#">Zorano Souza</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>            | <a href="#">Engineering &amp; Technology / Petroleum Engineering</a><br>Petrologia de Rochas Ígneas   Geração de Magmas   | 23      | 15          | 0.652               | 41        | 19          | 0.463               | 2199     | 901         | 0.410               |
| 2287  | 9324    | 14331  | 304232 | <a href="#">Jefferson Mortatti</a>                |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">SÃO Paulo</a><br>hydrogeochemistry and petroleum geochemistry   | 23      | 10          | 0.435               | 48        | 12          | 0.250               | 2196     | 570         | 0.260               |
| 393   | 9325    | 14333  | 304259 | <a href="#">José Eymard Homem Pittella</a>        |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Pathology</a><br>Neuropatologia   Neurociência   Neuroinfecção   Neurodegeneração   | 23      | 9           | 0.391               | 52        | 8           | 0.154               | 2193     | 337         | 0.154               |
| 8   | 9326    | 14334  | 304326 | <a href="#">Mariana Emerenciano</a>               |  Brazil | <a href="#">Instituto Nacional de Cancer</a>                           | <a href="#">Pesquisadora Associada, INCA</a><br>oncologia   biologia molecular  | 23      | 13          | 0.565               | 34        | 19          | 0.559               | 2189     | 1259        | 0.575               |
| 2   | 9327    | 14335  | 304335 | <a href="#">Alexandre Quadros</a>                 |  Brazil | <a href="#">Fundação Universitária de Cardiologia</a>                  | <a href="#">Instituto de Cardiologia do Rio Grande do Sul</a><br>Cardiologia  | 23      | 16          | 0.696               | 48        | 26          | 0.542               | 2188     | 1166        | 0.533               |
| 115   | 9328    | 14337  | 304390 | <a href="#">Gilberto Tadeu Reis Silva</a>         |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | Ensino de enfermagem   Ensino em Ciências da Saúde   Interprofissionalismo  | 23      | 14          | 0.609               | 59        | 25          | 0.424               | 2183     | 887         | 0.406               |
| 148   | 9329    | 14338  | 304398 | <a href="#">Fernando Antonio Prado Gimenez</a>    |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entrepreneurship   Entrepreneurship policy   Small Business Strategy   Small business   Sustainable Development | 23      | 14          | 0.609               | 49        | 20          | 0.408               | 2182     | 698         | 0.320               |
| 2288  | 9330    | 14340  | 304407 | <a href="#">Francisco Juarez Ramalho Pinto</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psiconeuroimunologia   Epigenética  | 23      | 7           | 0.304               | 36        | 6           | 0.167               | 2182     | 168         | 0.077               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2289  | 9331    | 14341  | 304417 | <a href="#">Rui Sérgio Sereni Murrieta</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Antropologia   Etnoecologia   Ecologia Histórica   Human-Animal relationship                                     | 23      | 18          | 0.783               | 37        | 24          | 0.649               | 2181     | 884         | 0.405               |
| 69  | 9332    | 14342  | 304421 | <a href="#">Carlos Viana De Carvalho</a>                  |  Brazil   | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomics   Monetary Economics   International Macroeconomics and Finance  | 23      | 17          | 0.739               | 30        | 21          | 0.700               | 2181     | 1188        | 0.545               |
| 2290  | 9333    | 14345  | 304460 | <a href="#">Nirav Joshi</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">IFSCP</a><br>Gas and Bio Sensors   Nanostructured Materials   Thin Film Deposition   2D materials   Environmental Monitoring  | 23      | 23          | 1.000               | 40        | 38          | 0.950               | 2177     | 2029        | 0.932               |
| 622   | 9334    | 14346  | 304469 | <a href="#">Elza M Kimura</a>                             |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Biological Science</a><br>Hematologia   Hemoglobinopatias  | 23      | 18          | 0.783               | 46        | 22          | 0.478               | 2176     | 864         | 0.397               |
| 394   | 9335    | 14348  | 304485 | <a href="#">Maria Raquel Santos Carvalho</a>              |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   | 23      | 18          | 0.783               | 41        | 31          | 0.756               | 2174     | 935         | 0.430               |
| 6   | 9336    | 14352  | 304511 | <a href="#">José Roberto Andrade Do Nascimento Junior</a> |  Brazil   | <a href="#">Universidade Federal do Vale do São Francisco UNIVASF</a>      | <a href="#">Social Sciences / Psychology</a><br>Psicologia do Esporte   Psicologia do Exercício   Psicometria   | 23      | 20          | 0.870               | 72        | 60          | 0.833               | 2172     | 1816        | 0.836               |
| 170   | 9337    | 14354  | 304545 | <a href="#">Vagner Botaro</a>                             |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                         | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materiais   | 23      | 17          | 0.739               | 42        | 28          | 0.667               | 2169     | 1193        | 0.550               |
| 221   | 9338    | 14356  | 304563 | <a href="#">Genta Fa</a>                                  |  Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Instituto Oswaldo Cruz</a>  | 23      | 17          | 0.739               | 40        | 30          | 0.750               | 2168     | 1209        | 0.558               |
| 395   | 9339    | 14357  | 304579 | <a href="#">Pedro OS Vaz De Melo</a>                      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Complex Networks   Social Network Analysis   Applied Data Science   Sports Analytics   Machine Learning              | 23      | 19          | 0.826               | 49        | 32          | 0.653               | 2166     | 1189        | 0.549               |
| 17  | 9340    | 14360  | 304598 | <a href="#">Marcelo Marques</a>                           |  Brazil | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>                   | <a href="#">Engineering &amp; Technology / Aerospace Engineering</a><br>semiconductor   physics   2D materials   alloys   DFT   | 23      | 17          | 0.739               | 44        | 27          | 0.614               | 2165     | 1292        | 0.597               |
| 12  | 9341    | 14363  | 304644 | <a href="#">Edson Da Costa Bortoni</a>                    |  Brazil | <a href="#">Universidade Federal de Itajubá UNIFEI</a>                     | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Electric Machinery   Renewable Generation   Smart Grids   Energy Efficiency   Applied Sensors | 23      | 17          | 0.739               | 37        | 29          | 0.784               | 2161     | 1148        | 0.531               |
| 361   | 9342    | 14367  | 304697 | <a href="#">Marcello Campos</a>                           |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Digital Signal Processing   | 23      | 13          | 0.565               | 51        | 24          | 0.471               | 2156     | 751         | 0.348               |
| 85  | 9343    | 14369  | 304713 | <a href="#">José Henrique Stringhini</a>                  |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e Alimentação de Monogástricos   Aves e Suínos  | 23      | 12          | 0.522               | 70        | 17          | 0.243               | 2155     | 774         | 0.359               |
| 171   | 9344    | 14370  | 304714 | <a href="#">Adenilson José Chiquito</a>                   |  Brazil | <a href="#">Universidade Federal de São Carlos</a>                         | Electron transport   low dimensional structures   nanowires   | 23      | 13          | 0.565               | 59        | 20          | 0.339               | 2155     | 871         | 0.404               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 50  | 9345    | 14371  | 304723 | <a href="#">Jesús P Mena Chalco</a>                 |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                    | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Pattern recognition   Graph mining   Scientometrics  | 23      | 18          | 0.783               | 47        | 30          | 0.638               | 2154     | 1253        | 0.582               |
| 353   | 9346    | 14372  | 304738 | <a href="#">Marcio Schwaab</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>      | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   | 23      | 17          | 0.739               | 38        | 27          | 0.711               | 2153     | 1076        | 0.500               |
| 5   | 9347    | 14373  | 304747 | <a href="#">Marlene Aparecida Moreno</a>            |  Brazil   | <a href="#">Universidade Metodista de Piracicaba</a>                 | <a href="#">Professora do Programa de Pós-Graduação em Ciências do Movimento Humano da ...</a><br>Fisioterapia cardiopulmonar   Fisiologia do exercício                                     | 23      | 15          | 0.652               | 48        | 27          | 0.563               | 2152     | 1094        | 0.508               |
| 172   | 9348    | 14377  | 304832 | <a href="#">Diego Furtado Silva</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                   | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Mining   Time Series   Machine Learning   Music Information Retrieval   | 23      | 20          | 0.870               | 31        | 28          | 0.903               | 2145     | 1783        | 0.831               |
| 1   | 9349    | 14378  | 304839 | <a href="#">Francisle Neri de Souza</a>             |  Brazil   | <a href="#">Centro Universitário Adventista de São Paulo. CIDTFE</a> | <a href="#">UNASP - - UnivesidAveiro</a><br>Science Education   ICT   Qualitative Research   Methodology   Chemistry Education.   | 23      | 17          | 0.739               | 54        | 31          | 0.574               | 2144     | 1040        | 0.485               |
| 2291  | 9350    | 14380  | 304877 | <a href="#">Rosane Pilot Pessa</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Ribeirão Preto P</a><br>Transtornos Alimentares e Obesidade   | 23      | 15          | 0.652               | 35        | 18          | 0.514               | 2141     | 677         | 0.316               |
| 229   | 9351    | 14383  | 304926 | <a href="#">Ricardo Borges Machado</a>              |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>            | <a href="#">NeurobiologyStressGroupUNIFESPandPsychosomaticGroupUNIB</a><br>Sleep   Stress   Neuroendocrinology   Neurochemistry   Psychopharmacology  | 23      | 16          | 0.696               | 25        | 22          | 0.880               | 2138     | 745         | 0.348               |
| 8   | 9352    | 14385  | 304967 | <a href="#">Luisa Helena Cazarolli</a>              |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>bioquímica   metabolismo   biodisponibilidade de nutrientes   fisiologia  | 23      | 17          | 0.739               | 26        | 25          | 0.962               | 2135     | 973         | 0.456               |
| 68  | 9353    | 14386  | 304969 | <a href="#">Aldo Leonardo Cunha Callado</a>         |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>                 | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Contabilidade Gerencial   Controladoria   Finanças Corporativas  | 23      | 15          | 0.652               | 57        | 34          | 0.596               | 2134     | 1054        | 0.494               |
| 2292  | 9354    | 14388  | 304984 | <a href="#">Eduardo De Senzi Zancul</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Desenvolvimento de produtos   gestão do ciclo de vida   sistemas PLM   sistema produto-serviço | 23      | 21          | 0.913               | 41        | 30          | 0.732               | 2133     | 1601        | 0.751               |
| 2293  | 9355    | 14390  | 304999 | <a href="#">Fatima Aparecida Emm Faleiros Sousa</a> |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Avaliação e mensuração da dor</a><br>Avaliação e mensuração de dor  | 23      | 11          | 0.478               | 41        | 13          | 0.317               | 2132     | 585         | 0.274               |
| 181   | 9356    | 14391  | 305000 | <a href="#">Ana Carolina Acevedo</a>                |  Brazil | <a href="#">Universidade de Brasília UNB</a>                         | <a href="#">UnivesidBrasília</a><br>Biologia Oral   | 23      | 19          | 0.826               | 40        | 27          | 0.675               | 2132     | 1265        | 0.593               |
| 18  | 9357    | 14392  | 305009 | <a href="#">Carolina Andion</a>                     |  Brazil | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>       | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Civil Society   Social Innovation   Social and Solidarity Economy   Sustainability and Territorial Development          | 23      | 17          | 0.739               | 47        | 30          | 0.638               | 2131     | 946         | 0.444               |
| 149   | 9358    | 14393  | 305012 | <a href="#">Sandra Santaella</a>                    |  Brazil | <a href="#">Universidade Federal do Ceará</a>                        | saneamento   meio ambiente   poluição marinha   | 23      | 18          | 0.783               | 43        | 30          | 0.698               | 2131     | 1408        | 0.661               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 396   | 9359    | 14394  | 305029 | <a href="#">Dagoberto Brandão Santos</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Metalurgia Física   | 23      | 17          | 0.739               | 44        | 29          | 0.659               | 2130     | 969         | 0.455               |
| 71  | 9360    | 14395  | 305032 | <a href="#">André Backes</a>  |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer vision   Image analysis and processing   Pattern recognition   Biological applications   remote sensing | 23      | 16          | 0.696               | 42        | 27          | 0.643               | 2130     | 1006        | 0.472               |
| 2294  | 9361    | 14399  | 305112 | <a href="#">Bruno Wilhelm Speck</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>partidos   eleições   financiamento   corrupção   subnacional  | 23      | 19          | 0.826               | 48        | 28          | 0.583               | 2124     | 972         | 0.458               |
| 597   | 9362    | 14400  | 305125 | <a href="#">Andreia Marize Rodrigues</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Business &amp; Management / Business Administration</a><br>Gestão Ambiental   Logística Reversa   Produção Mais Limpa   | 23      | 14          | 0.609               | 61        | 24          | 0.393               | 2123     | 1081        | 0.509               |
| 123   | 9363    | 14401  | 305135 | <a href="#">Grasiele Scaramal Madrona</a>   |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       |   | 23      | 19          | 0.826               | 50        | 38          | 0.760               | 2122     | 1626        | 0.766               |
| 2295  | 9364    | 14402  | 305136 | <a href="#">Sandra Maria Lima Ribeiro</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição envelhecimento   atividade física   | 23      | 16          | 0.696               | 49        | 24          | 0.490               | 2122     | 1323        | 0.623               |
| 2296  | 9365    | 14403  | 305144 | <a href="#">Maria D Vbranovski</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">University of São Paulo</a>   | 23      | 16          | 0.696               | 32        | 21          | 0.656               | 2122     | 866         | 0.408               |
| 1   | 9366    | 14404  | 305160 | <a href="#">Francisco Rosemiro Guimarães Ximenes Neto</a><br><a href="#">Ximenes Neto Frg</a><br><a href="#">Ximenes Neto Frg</a><br><a href="#">Ximenes Neto</a> |  Brazil   | <a href="#">Universidade Estadual Vale do Acaraú</a>                   | <a href="#">ValeAcarau(UVA)</a><br>Gestão em Enfermagem e Saúde/Trabalho em Saúde   | 23      | 16          | 0.696               | 45        | 26          | 0.578               | 2120     | 1076        | 0.508               |
| 17  | 9367    | 14405  | 305162 | <a href="#">Boeira SP</a>   |  Brazil | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia   bioquímica   nutrição   saúde  | 23      | 21          | 0.913               | 38        | 35          | 0.921               | 2120     | 1409        | 0.665               |
| 598   | 9368    | 14407  | 305168 | <a href="#">Lindsay Gimenes</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>reprodução animal   produção in vitro de embriões   ultrassonografia   hormônios   búfalos                     | 23      | 18          | 0.783               | 49        | 29          | 0.592               | 2119     | 1049        | 0.495               |
| 2297  | 9369    | 14408  | 305170 | <a href="#">Helois De Andrade Carvalho</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Radiation Oncology</a><br>Radioterapia  | 23      | 17          | 0.739               | 48        | 30          | 0.625               | 2119     | 1197        | 0.565               |
| 362   | 9370    | 14409  | 305174 | <a href="#">João Carlos Basilio</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiroEngenhariElétrica</a><br>Discrete event systems   Fault diagnosis   Supervisory control   | 23      | 18          | 0.783               | 44        | 30          | 0.682               | 2119     | 1082        | 0.511               |
| 397   | 9371    | 14410  | 305187 | <a href="#">Maira Tonidandel Barbosa</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">MedicinUniversidMinasGerais</a><br>Geriatria   Neuropsiquiatria geriátrica   doença de Parkinson   demências  | 23      | 17          | 0.739               | 40        | 24          | 0.600               | 2118     | 913         | 0.431               |

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| University  | Country | Region | World  | Name                                   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 72  | 9372    | 14411  | 305204 | <a href="#">Joao Wachelke</a>          |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                         | <a href="#">Uberlândia</a><br>semiótica   psicologia social  | 23      | 16          | 0.696               | 46        | 24          | 0.522               | 2116     | 1083        | 0.512               |
| 70  | 9373    | 14413  | 305264 | <a href="#">Daniel Mograbi</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | Consciousness   emotion   memory   implicit processing   neurobiology of selfhood  | 23      | 20          | 0.870               | 52        | 46          | 0.885               | 2111     | 1503        | 0.712               |
| 46  | 9374    | 14414  | 305277 | <a href="#">Nilton Cesar Fiedler</a>   |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                     | <a href="#">Engineering &amp; Technology / Engineering</a><br>colheita florestal   mecanização florestal   ergonomia   incêndios florestais  | 23      | 16          | 0.696               | 59        | 31          | 0.525               | 2110     | 1104        | 0.523               |
| 599   | 9375    | 14416  | 305283 | <a href="#">Othon Winter</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | Orbital Dynamics   | 23      | 17          | 0.739               | 63        | 31          | 0.492               | 2109     | 1036        | 0.491               |
| 33  | 9376    | 14418  | 305313 | <a href="#">Felipe Braga Ribas</a>     |  Brazil   | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>           | <a href="#">Technology&amp;€“(UTFPRCuritiba)</a><br>Solar System   astronomy   astrophysics   stellar occultation  | 23      | 17          | 0.739               | 43        | 30          | 0.698               | 2107     | 1236        | 0.587               |
| 3   | 9377    | 14419  | 305319 | <a href="#">Jacques Demajorovic</a>    |  Brazil   | <a href="#">Centro Universitário da Fundação Educacional Inaciana</a>      | <a href="#">Business &amp; Management / Business Administration</a><br>Sustentabilidade  | 23      | 19          | 0.826               | 38        | 25          | 0.658               | 2107     | 882         | 0.419               |
| 623   | 9378    | 14421  | 305334 | <a href="#">Roberto Luiz Do Carmo</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Social Sciences / Demography</a><br>Demografia   População e Ambiente   Migração   Gestão da Água  | 23      | 14          | 0.609               | 56        | 20          | 0.357               | 2105     | 745         | 0.354               |
| 182   | 9379    | 14422  | 305336 | <a href="#">Cassio José Da Silva</a>   |  Brazil | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Metabolismo ruminal   cinética digestiva   nutrição de ruminantes   bovinocultura de leite   bovinocultura de corte                 | 23      | 15          | 0.652               | 51        | 25          | 0.490               | 2105     | 753         | 0.358               |
| 9   | 9380    | 14424  | 305370 | <a href="#">Arn Migowski</a>           |  Brazil | <a href="#">Instituto Nacional de Cancer</a>                               | <a href="#">Ministry of Health (Brazil): National Cancer Institute and National Institute of Cardiology</a><br>Evidence-Based Medicine   Epidemiology   Health Technology Assessment   Oncology   Cardiology | 23      | 18          | 0.783               | 38        | 34          | 0.895               | 2103     | 1386        | 0.659               |
| 99  | 9381    | 14425  | 305379 | <a href="#">Fm De Aguiar</a>           |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                         | <a href="#">Natural Sciences / Physics</a><br>Magnetism   nonlinear dynamics   chaos   quantum chaos   billiards   | 23      | 11          | 0.478               | 39        | 13          | 0.333               | 2102     | 370         | 0.176               |
| 11  | 9382    | 14431  | 305416 | <a href="#">Alex Augusto Gonçalves</a> |  Brazil | <a href="#">Universidade Federal Rural do Semi-Árido UFERSA</a>            | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Tecnologia de Alimentos   Tecnologia do Pescado   | 23      | 16          | 0.696               | 46        | 32          | 0.696               | 2099     | 1223        | 0.583               |
| 183   | 9383    | 14435  | 305474 | <a href="#">Eraldo Matricardi</a>      |  Brazil | <a href="#">Universidade de Brasília UNB</a>                               | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Remote sensing   land use and land cover changes   geoprocessing   | 23      | 18          | 0.783               | 43        | 32          | 0.744               | 2093     | 1229        | 0.587               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 230   | 9384    | 14436  | 305478 | <a href="#">Cassio Andreoni</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Medical and Health Sciences / Urology</a><br>Urologia  | 23      | 12          | 0.522               | 36        | 17          | 0.472               | 2093     | 535         | 0.256               |
| 184   | 9385    | 14437  | 305480 | <a href="#">Vander Alves</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Software Engineering   Software Product Lines   | 23      | 14          | 0.609               | 35        | 17          | 0.486               | 2093     | 680         | 0.325               |
| 18  | 9386    | 14438  | 305486 | <a href="#">Lucia Vinade</a>                  |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>      | <a href="#">Natural Sciences / Biological Science</a><br>Ciencias Biologicas   Neuroquimica   Proteinas   Neurociencia   | 23      | 11          | 0.478               | 30        | 11          | 0.367               | 2093     | 445         | 0.213               |
| 150   | 9387    | 14441  | 305532 | <a href="#">Josimar O Eloy</a>                |  Brazil   | <a href="#">Universidade Federal do Ceará</a>               | Sistemas de liberação de fármacos  | 23      | 21          | 0.913               | 33        | 32          | 0.970               | 2089     | 1699        | 0.813               |
| 65  | 9388    | 14443  | 305586 | <a href="#">Celina Maria Colino Magalhães</a> |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>           | Desenvolvimento Humano   | 23      | 17          | 0.739               | 42        | 25          | 0.595               | 2084     | 872         | 0.418               |
| 624   | 9389    | 14444  | 305602 | <a href="#">Ricardo Ribeiro Gudwin</a>        |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>cognitive architectures   cognitive systems   computational semiotics   machine consciousness   cognitive agents | 23      | 11          | 0.478               | 51        | 14          | 0.275               | 2083     | 517         | 0.248               |
| 206   | 9390    | 14447  | 305634 | <a href="#">Fabricia Silva Da Rosa</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">UFSCUNIVERSIDAFEDERALCATARINA</a><br>ACADÊMICO   | 23      | 18          | 0.783               | 62        | 35          | 0.565               | 2081     | 1202        | 0.578               |
| 151   | 9391    | 14450  | 305681 | <a href="#">Cleiton Carvalho Silva</a>        |  Brazil   | <a href="#">Universidade Federal do Ceará</a>               | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Metalurgia   caracterização de materiais   soldagem   superligas   aços inoxidáveis                            | 23      | 19          | 0.826               | 50        | 32          | 0.640               | 2077     | 1353        | 0.651               |
| 47  | 9392    | 14452  | 305752 | <a href="#">Domingos Sl Simonetti</a>         |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>      | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>engenharia elétrica  | 23      | 11          | 0.478               | 38        | 13          | 0.342               | 2072     | 524         | 0.253               |
| 625   | 9393    | 14453  | 305761 | <a href="#">Gislaine Ricci Leonardi</a>       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">CosmetologiaFarmacotecnicCampinasâ€¦</a><br>Desenvolvimento e Avaliação de formulações cosméticas e dermatológicas   | 23      | 17          | 0.739               | 48        | 29          | 0.604               | 2071     | 1249        | 0.603               |
| 363   | 9394    | 14454  | 305763 | <a href="#">Cláudia Mermelstein</a>           |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia celular  | 23      | 13          | 0.565               | 46        | 21          | 0.457               | 2071     | 790         | 0.381               |
| 2298  | 9395    | 14455  | 305764 | <a href="#">Gonçalves Flt</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UNIVERSIDADE DE SÃO PAULO</a>  | 23      | 16          | 0.696               | 43        | 30          | 0.698               | 2071     | 959         | 0.463               |
| 21  | 9396    | 14456  | 305771 | <a href="#">Marco Cristo</a>                  |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>       | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Mineração de Dados   Aprendizagem de Máquina   Recuperação de Informação e Bibliotecas Digitais   | 23      | 15          | 0.652               | 36        | 18          | 0.500               | 2071     | 645         | 0.311               |
| 398   | 9397    | 14457  | 305813 | <a href="#">Maycoln Leôni Martins Teodoro</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Social Sciences / Psychology</a><br>terapia cognitiva   avaliação psicológica  | 23      | 16          | 0.696               | 45        | 31          | 0.689               | 2068     | 1069        | 0.517               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2299  | 9398    | 14458  | 305832 | <a href="#">Jorge Andrey Wilhelms Gut</a>    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Food Engineering  | 23      | 18          | 0.783               | 39        | 32          | 0.821               | 2067     | 1111        | 0.537               |
| 173   | 9399    | 14460  | 305836 | <a href="#">Irineu Bianchini Junior</a>      |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                       | <a href="#">SÃO Carlos</a><br>Limnologia   Ecologia   Modelos matemáticos  | 23      | 13          | 0.565               | 76        | 21          | 0.276               | 2066     | 736         | 0.356               |
| 10  | 9400    | 14461  | 305842 | <a href="#">Davyson de Lima Moreira</a>      |  Brazil   | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Produtos Naturais   Farmacocinética   Metodologias Analíticas   Quimiodiversidade   Quimiofenética                             | 23      | 15          | 0.652               | 46        | 27          | 0.587               | 2066     | 968         | 0.469               |
| 33  | 9401    | 14462  | 305851 | <a href="#">Ana Mara De Oliveira E Silva</a> |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                      | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   | 23      | 17          | 0.739               | 55        | 38          | 0.691               | 2065     | 1103        | 0.534               |
| 103   | 9402    | 14465  | 305899 | <a href="#">VII Cristovao</a>                |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                        | <a href="#">Social Sciences / Linguistics and Literature</a><br>Applied Linguistics   Teacher Education   Genre Studies   Writing Studies   Ecolinguistics                             | 23      | 15          | 0.652               | 50        | 26          | 0.520               | 2062     | 835         | 0.405               |
| 2300  | 9403    | 14466  | 305918 | <a href="#">Marcos Rodrigues</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Ciências Agrárias  | 23      | 22          | 0.957               | 51        | 44          | 0.863               | 2061     | 1812        | 0.879               |
| 1   | 9404    | 14467  | 305981 | <a href="#">Fernando Silva Parreiras</a>     |  Brazil   | <a href="#">Universidade FUMEC</a>                                       | <a href="#">FUMECUniversity</a><br>Information Systems   Software Engineering   Semantic Web   natural language processing   | 23      | 12          | 0.522               | 36        | 17          | 0.472               | 2057     | 889         | 0.432               |
| 152   | 9405    | 14468  | 305991 | <a href="#">Nadia Accioly Pinto Nogueira</a> |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                            | <a href="#">AnálisesClínicaseToxicológicasUFC</a><br>Microbiologia   Biologia Molecular  | 23      | 17          | 0.739               | 35        | 25          | 0.714               | 2056     | 946         | 0.460               |
| 17  | 9406    | 14469  | 305999 | <a href="#">Fabricio Azevedo Voltarelli</a>  |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>                      | <a href="#">Education / Education</a><br>Physical Exercise: Metabolism   Physiology   Biochemistry   Molecular Biology   | 23      | 20          | 0.870               | 59        | 40          | 0.678               | 2055     | 1238        | 0.602               |
| 600   | 9407    | 14470  | 306002 | <a href="#">Lúcia Helena Sipaúba Tavares</a> |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Limnologia em aquicultura   | 23      | 11          | 0.478               | 53        | 13          | 0.245               | 2055     | 440         | 0.214               |
| 399   | 9408    | 14471  | 306024 | <a href="#">Renato Cardoso Mesquita</a>      |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Computational Electromagnetics   Finite Element Method   Meshless Methods   Meshfree Methods | 23      | 11          | 0.478               | 46        | 12          | 0.261               | 2054     | 551         | 0.268               |
| 51  | 9409    | 14473  | 306042 | <a href="#">Samuel Beskow</a>                |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                    | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Hidrologia   Modelagem Hidrológica   Hidrossedimentologia   | 23      | 20          | 0.870               | 46        | 37          | 0.804               | 2053     | 1351        | 0.658               |
| 153   | 9410    | 14474  | 306076 | <a href="#">José Eleutério Jr</a>            |  Brazil | <a href="#">Universidade Federal do Ceará</a>                            | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>ginecologia   patologia do trato genital inferior   colposcopia   citopatologia                             | 23      | 16          | 0.696               | 44        | 26          | 0.591               | 2050     | 995         | 0.485               |
| 212   | 9411    | 14475  | 306081 | <a href="#">Manoel Teixeira Souza Júnior</a> |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica   Genética Molecular   Engenharia Genética   Fenômica  | 23      | 13          | 0.565               | 36        | 23          | 0.639               | 2050     | 804         | 0.392               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2301  | 9412    | 14476  | 306085 | <a href="#">Mary Elizabeth Cerruti Bernardes De Oliveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Paleobotânica  | 23      | 18          | 0.783               | 57        | 25          | 0.439               | 2049     | 779         | 0.380               |
| 104   | 9413    | 14477  | 306108 | <a href="#">Tânia Longo Mazzuco</a>                          |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   Physiology   Molecular biology   Pathology                          | 23      | 16          | 0.696               | 36        | 29          | 0.806               | 2048     | 873         | 0.426               |
| 601   | 9414    | 14479  | 306156 | <a href="#">Fabiana Pilarski</a>                             |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>piscicultura   peixes   saúde   doenças   | 23      | 21          | 0.913               | 50        | 44          | 0.880               | 2044     | 1515        | 0.741               |
| 222   | 9415    | 14480  | 306163 | <a href="#">Dalila Zanette</a>                               |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética   Hematologia   | 23      | 18          | 0.783               | 34        | 29          | 0.853               | 2044     | 864         | 0.423               |
| 213   | 9416    | 14481  | 306172 | <a href="#">Eduardo Sanches Stuchi</a>                       |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Pesquisador A, Embrapa Mandioca e Fruticultura</a><br>citrus  | 23      | 15          | 0.652               | 61        | 23          | 0.377               | 2043     | 867         | 0.424               |
| 602   | 9417    | 14482  | 306196 | <a href="#">Jose Cf Pantoja</a>                              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | Milk Quality   Mastitis   Epidemiology  | 23      | 19          | 0.826               | 40        | 33          | 0.825               | 2041     | 1127        | 0.552               |
| 33  | 9418    | 14483  | 306200 | <a href="#">Alisson Dal Lago</a>                             |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Instituto Nacional de Pesquisas Espaciais - INPE</a><br>Origem solar e interplanetária de tempestades geomagnéticas   raios cósmicos   Clima Espacial | 23      | 14          | 0.609               | 34        | 19          | 0.559               | 2041     | 742         | 0.364               |
| 51  | 9419    | 14485  | 306208 | <a href="#">Giselle Cerchiaro</a>                            |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Metals in Biology   Copper Neuroscience  | 23      | 17          | 0.739               | 43        | 33          | 0.767               | 2040     | 1048        | 0.514               |
| 48  | 9420    | 14486  | 306223 | <a href="#">Renata Guizzardi</a>                             |  Brazil  | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Espírito Santo (UFES)</a><br>Goal Modeling   Conceptual Modeling   Applied Ontology   Knowledge Management   Collaborative Learning                   | 23      | 14          | 0.609               | 44        | 21          | 0.477               | 2039     | 884         | 0.434               |
| 18  | 9421    | 14487  | 306257 | <a href="#">Castro, Aajf</a>                                 |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professor de Botânica, Universidade Federal do Piauí</a><br>Botânica do Cerrado   Ecologia do Cerrado   Ecótonos   Biodiversidade                     | 23      | 14          | 0.609               | 39        | 23          | 0.590               | 2037     | 656         | 0.322               |
| 364   | 9422    | 14490  | 306286 | <a href="#">Cátia A De Mello Patiu</a>                       |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Business &amp; Management / Entrepreneurship</a><br>Entomologia   Zoologia   Diptera   Sistemática   Taxonomia  | 23      | 18          | 0.783               | 44        | 28          | 0.636               | 2035     | 1043        | 0.513               |
| 73  | 9423    | 14491  | 306287 | <a href="#">Alexandre Da Silveira</a>                        |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Medical and Health Sciences / Anatomy</a><br>Imunologia   Parasitologia   Neurociências   | 23      | 14          | 0.609               | 43        | 25          | 0.581               | 2035     | 753         | 0.370               |
| 19  | 9424    | 14493  | 306313 | <a href="#">Leilson Rocha Bezerra</a>                        |  Brazil | <a href="#">Universidade Federal do Piauí</a>                          | <a href="#">Professor da Unidade Acadêmica de Medicina Veterinária da Universidade Federal de ...</a><br>Nutrição de Animais Ruminantes   Produção Animal         | 23      | 19          | 0.826               | 71        | 62          | 0.873               | 2033     | 1656        | 0.815               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 603   | 9425    | 14495  | 306333 | <a href="#">Sandra Aidar De Queiroz</a>       |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">IIICiÃ"nciasAgráriaseVeterináriasCampusâ€¦</a><br>Melhoramento genético animal   Genética Quantitativa   Zootecnia                     | 23      | 12          | 0.522               | 72        | 18          | 0.250               | 2032     | 731         | 0.360               |
| 214   | 9426    | 14496  | 306338 | <a href="#">Cleso Antônio Patto Pacheco</a>   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Pesquisador da Embrapa</a><br>Melhoramento de milho   melhoramento do coqueiro   genética quantitativa                                 | 23      | 7           | 0.304               | 56        | 6           | 0.107               | 2032     | 321         | 0.158               |
| 365   | 9427    | 14497  | 306360 | <a href="#">Sabrina Baptista Ferreira</a>     |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic chemistry   synthesis   medicinal chemistry  | 23      | 18          | 0.783               | 38        | 26          | 0.684               | 2031     | 995         | 0.490               |
| 207   | 9428    | 14498  | 306362 | <a href="#">Claudia De Lima Costa</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Social Sciences / Linguistics and Literature</a><br>Teoria literária   estudos culturais   teorias feministas                          | 23      | 16          | 0.696               | 37        | 26          | 0.703               | 2031     | 881         | 0.434               |
| 208   | 9429    | 14499  | 306397 | <a href="#">Eugênio B Castelan</a>            |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">AutomaÃ§ÃoeSistemasUFSC</a><br>Teoria de Controle   Controle sob Restrições  | 23      | 13          | 0.565               | 50        | 21          | 0.420               | 2028     | 749         | 0.369               |
| 223   | 9430    | 14500  | 306400 | <a href="#">Valeria Rolla</a>                 |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Medical and Health Sciences / Infectious Diseases</a><br>tuberculose   tuberculose e HIV   tuberculose MR                              | 23      | 17          | 0.739               | 45        | 30          | 0.667               | 2028     | 1059        | 0.522               |
| 224   | 9431    | 14502  | 306418 | <a href="#">Jose Luis Passos Cordeiro</a>     |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Landscape Ecology   Geoprocessing   Conservation Biology   environmental health | 23      | 18          | 0.783               | 36        | 30          | 0.833               | 2027     | 1060        | 0.523               |
| 71  | 9432    | 14505  | 306447 | <a href="#">Bruno Feijo</a>                   |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | Games   Artificial Intelligence   Computer Graphics  | 23      | 11          | 0.478               | 66        | 15          | 0.227               | 2024     | 522         | 0.258               |
| 122   | 9433    | 14506  | 306471 | <a href="#">Agustin Zsögön</a>                |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                         | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Plant Biology  | 23      | 21          | 0.913               | 29        | 27          | 0.931               | 2023     | 1692        | 0.836               |
| 28  | 9434    | 14511  | 306604 | <a href="#">Fernanda Liberali</a>             |  Brazil | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>       | <a href="#">Social Sciences / Linguistics and Literature</a><br>linguística aplicada   teoria da atividade   argumentação   formação de educadores | 23      | 15          | 0.652               | 53        | 25          | 0.472               | 2014     | 864         | 0.429               |
| 103   | 9435    | 14512  | 306625 | <a href="#">Jerson Vanderlei Carus Guedes</a> |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                   | <a href="#">Business &amp; Management / Entrepreneurship</a><br>entomologia   manejo de pragas   biopesticidas   insetos                           | 23      | 20          | 0.870               | 66        | 38          | 0.576               | 2012     | 1305        | 0.649               |
| 2302  | 9436    | 14513  | 306628 | <a href="#">Maira Okada De Oliveira</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia Cognitiva e do Comportamento   Neuropsicologia                               | 23      | 19          | 0.826               | 51        | 30          | 0.588               | 2012     | 1119        | 0.556               |
| 34  | 9437    | 14514  | 306631 | <a href="#">Claudia Pombo Sudré</a>           |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>    | <a href="#">UENF</a><br>Resistência a doenças   olericultura   recursos genéticos   artes   história   | 23      | 16          | 0.696               | 47        | 29          | 0.617               | 2012     | 847         | 0.421               |



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| University  | Country | Region | World  | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 9438    | 14515  | 306679 | <a href="#">Marcos Dos Santos Lima</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Instituto Federal de Educação de Ciência e Tecnologia do Sertão Pernambucano</a> | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos   | 23      | 23          | 1.000               | 53        | 47          | 0.887               | 2009     | 1838        | 0.915               |
| 209   | 9439    | 14516  | 306699 | <a href="#">Leandro Fadel Miguel</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                  | <a href="#">CORE</a><br>Estruturas de aço e dinâmica estrutural  | 23      | 21          | 0.913               | 47        | 39          | 0.830               | 2008     | 1456        | 0.725               |
| 2303  | 9440    | 14517  | 306706 | <a href="#">Carlota Boto</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Education / Education</a><br>história da educação   filosofia da educação   história   educação  | 23      | 18          | 0.783               | 36        | 20          | 0.556               | 2008     | 834         | 0.415               |
| 366   | 9441    | 14520  | 306718 | <a href="#">Assed N Haddad</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                                       | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Construction   Sustainability   Safety   | 23      | 23          | 1.000               | 44        | 41          | 0.932               | 2007     | 1806        | 0.900               |
| 52  | 9442    | 14523  | 306763 | <a href="#">Gabriela Zago</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pelotas UFPEL</a>  | <a href="#">Business &amp; Management / Communication</a><br>Communication   Cyberculture   Journalism   | 23      | 16          | 0.696               | 37        | 25          | 0.676               | 2004     | 1075        | 0.536               |
| 354   | 9443    | 14524  | 306789 | <a href="#">Fátima Costa Rodrigues Guma</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                              | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biologia celular   Microscopia  | 23      | 16          | 0.696               | 53        | 31          | 0.585               | 2002     | 1131        | 0.565               |
| 225   | 9444    | 14526  | 306797 | <a href="#">Élida Azevedo Hennington</a>  | <br><a href="#">Brazil</a>   | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Fiocruz</a><br>salud publica   salud colectiva   | 23      | 16          | 0.696               | 36        | 22          | 0.611               | 2002     | 769         | 0.384               |
| 604   | 9445    | 14528  | 306804 | <a href="#">Silvio Rainho Teixeira</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                       | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Materials Science  | 23      | 19          | 0.826               | 45        | 35          | 0.778               | 2001     | 1260        | 0.630               |
| 231   | 9446    | 14530  | 306853 | <a href="#">Luiz H Lima</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                                    | Retina   Uveites   | 23      | 21          | 0.913               | 43        | 38          | 0.884               | 1997     | 1334        | 0.668               |
| 14  | 9447    | 14533  | 306905 | <a href="#">Oscar Rubem Klegues Montedo</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>                                | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>ceramic materials   glassceramics   energy efficiency   waste valorization              | 23      | 20          | 0.870               | 49        | 36          | 0.735               | 1993     | 1448        | 0.727               |
| 15  | 9448    | 14535  | 306930 | <a href="#">Valiya Hamza</a>  | <br><a href="#">Brazil</a> | <a href="#">Observatorio Nacional</a>  | <a href="#">Emeritus Professor, National Observatory, Rio de Janeiro, Brazil</a><br>Geothermics   Geothermal Energy   Tectonophysics   Applied Geophysics        | 23      | 11          | 0.478               | 57        | 14          | 0.246               | 1991     | 555         | 0.279               |
| 2304  | 9449    | 14536  | 306936 | <a href="#">Ursula Julio</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Education / Education</a>  | 23      | 21          | 0.913               | 46        | 39          | 0.848               | 1991     | 1374        | 0.690               |
| 15  | 9450    | 14538  | 307003 | <a href="#">João Aris Kouyoumdjian</a>  | <br><a href="#">Brazil</a> | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>                        | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Electroneuromyography   Single-fiber electromyography   Neuromuscular disorders   Muscle pathology | 23      | 13          | 0.565               | 36        | 18          | 0.500               | 1986     | 725         | 0.365               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 215   | 9451    | 14539  | 307005 | <a href="#">Lourdes Cabral</a>                   |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                | <a href="#">Embrapa</a><br>ciências agrárias   | 23      | 18          | 0.783               | 33        | 27          | 0.818               | 1986     | 1465        | 0.738               |
| 13  | 9452    | 14543  | 307036 | <a href="#">Fábio Lera Orsatti</a>               |  Brazil   | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>             | <a href="#">TrianguloMineiro(UFTM)</a><br>Resistance training   health   and performance   | 23      | 20          | 0.870               | 38        | 32          | 0.842               | 1984     | 1140        | 0.575               |
| 124   | 9453    | 14544  | 307046 | <a href="#">Willian Ferreira Da Costa</a>        |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                           | <a href="#">Natural Sciences / Chemical Sciences</a><br>óleos essenciais   compostos organicos no meio ambiente   desenvolvimento de métodos analíticos. | 23      | 15          | 0.652               | 40        | 23          | 0.575               | 1983     | 890         | 0.449               |
| 605   | 9454    | 14546  | 307080 | <a href="#">Daniel Guariz Pinheiro</a>           |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Bioinformatics   Systems Biology   Genomics   Transcriptomics                                | 23      | 20          | 0.870               | 38        | 30          | 0.789               | 1981     | 1236        | 0.624               |
| 74  | 9455    | 14547  | 307082 | <a href="#">Djenaine De Souza</a>                |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 23      | 14          | 0.609               | 35        | 23          | 0.657               | 1981     | 688         | 0.347               |
| 72  | 9456    | 14548  | 307108 | <a href="#">Marco Cremona</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | Eletrônica Orgânica  | 23      | 18          | 0.783               | 54        | 33          | 0.611               | 1978     | 997         | 0.504               |
| 400   | 9457    | 14550  | 307116 | <a href="#">André Oliveira</a>                   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   circadian rhythms   clock genes   gut-brain axis   metabolism                   | 23      | 18          | 0.783               | 35        | 26          | 0.743               | 1978     | 1120        | 0.566               |
| 119   | 9458    | 14555  | 307141 | <a href="#">Celia Machado Ronconi</a>            |  Brazil  | <a href="#">Universidade Federal Fluminense</a>                            | <a href="#">Natural Sciences / Chemical Sciences</a><br>química inorgânica   química de materiais   química supramolecular e nanotecnologia              | 23      | 19          | 0.826               | 37        | 31          | 0.838               | 1976     | 1071        | 0.542               |
| 2305  | 9459    | 14556  | 307161 | <a href="#">Manuela De Almeida Roediger</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição   Envelhecimento   Epidemiologia e Saúde                               | 23      | 11          | 0.478               | 51        | 17          | 0.333               | 1974     | 622         | 0.315               |
| 125   | 9460    | 14557  | 307163 | <a href="#">Antonio Carlos Andrade Gonçalves</a> |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                           | <a href="#">Business &amp; Management / Public Administration</a><br>Irrigação   Manejo de água   Física do solo   Geoestatística                        | 23      | 10          | 0.435               | 50        | 11          | 0.220               | 1974     | 462         | 0.234               |
| 210   | 9461    | 14560  | 307208 | <a href="#">Cintia Marangoni</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">UFSC</a>   | 23      | 20          | 0.870               | 60        | 49          | 0.817               | 1971     | 1563        | 0.793               |
| 2   | 9462    | 14561  | 307210 | <a href="#">Eliany Nazaré Oliveira</a>           |  Brazil | <a href="#">Universidade Estadual Vale do Acaraú</a>                       | <a href="#">ValeAcarauUVA</a><br>Saúde Mental   Saúde Coletiva   Violência   Suicídio   Drogas. Enfermagem   | 23      | 16          | 0.696               | 56        | 27          | 0.482               | 1971     | 1015        | 0.515               |
| 2306  | 9463    | 14562  | 307222 | <a href="#">Antonio Carlos Shimano</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">MediciRibeirAfoPreto</a>   | 23      | 13          | 0.565               | 68        | 24          | 0.353               | 1970     | 825         | 0.419               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 626   | 9464    | 14563  | 307255 | <a href="#">Maria Cristina Tavares</a>                |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>energia elétrica   linha de transmissão   transitórios eletromagnéticos   EMTP   PSCAD | 23      | 15          | 0.652               | 59        | 28          | 0.475               | 1968     | 829         | 0.421               |
| 126   | 9465    | 14564  | 307258 | <a href="#">Eliane Araujo</a>                         |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">Economics &amp; Econometrics / Economics</a><br>economia   | 23      | 17          | 0.739               | 52        | 34          | 0.654               | 1968     | 1143        | 0.581               |
| 6   | 9466    | 14565  | 307270 | <a href="#">Rozangela Verlengia</a>                   |  Brazil   | <a href="#">Universidade Metodista de Piracicaba</a>                   | <a href="#">Professora Rozangela Verlengia, Universidade Metodista de Piracicaba</a><br>Exercício Físico   Biologia Molecular   Fisiologia Celular   Saude                       | 23      | 16          | 0.696               | 47        | 30          | 0.638               | 1967     | 782         | 0.398               |
| 606   | 9467    | 14566  | 307271 | <a href="#">Sigmar De Mello Rode</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   revistas científicas  | 23      | 16          | 0.696               | 46        | 26          | 0.565               | 1967     | 764         | 0.388               |
| 367   | 9468    | 14567  | 307298 | <a href="#">Glaydston Mattos Ribeiro</a>              |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Social Sciences / Transportation Science &amp; Technology</a><br>Optimization & Transportation   | 23      | 18          | 0.783               | 42        | 31          | 0.738               | 1965     | 1256        | 0.639               |
| 2   | 9469    | 14568  | 307299 | <a href="#">Anderson RR Gonçalves</a>                 |  Brazil   | <a href="#">Universidade da Região de Joinville - Univille</a>         | <a href="#">Professor de Nefrologia, Univille - Universidade da Região de Joinville</a><br>Nefrologia   terapia intensiva  | 23      | 15          | 0.652               | 41        | 22          | 0.537               | 1965     | 874         | 0.445               |
| 2307  | 9470    | 14570  | 307309 | <a href="#">Deborah Yara Alves Cursino Dos Santos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSÃOfo Paulo</a><br>ceras cuticulares   flavonoides   botânica aplicada   ecologia química   | 23      | 18          | 0.783               | 63        | 47          | 0.746               | 1964     | 1202        | 0.612               |
| 2308  | 9471    | 14571  | 307313 | <a href="#">Gizelton Pereira Alencar</a>              |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">University of Sao Paulo</a>  | 23      | 16          | 0.696               | 44        | 32          | 0.727               | 1964     | 901         | 0.459               |
| 2309  | 9472    | 14572  | 307317 | <a href="#">Maria Carolina Quecine</a>                |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetic of microorganisms   | 23      | 19          | 0.826               | 41        | 37          | 0.902               | 1964     | 1252        | 0.637               |
| 2310  | 9473    | 14573  | 307323 | <a href="#">Adriano Siqueira</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Robotics   Control Systems  | 23      | 17          | 0.739               | 59        | 34          | 0.576               | 1963     | 1118        | 0.570               |
| 154   | 9474    | 14576  | 307356 | <a href="#">Shamyr Castro</a>                         |  Brazil | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia  | 23      | 18          | 0.783               | 42        | 36          | 0.857               | 1961     | 1427        | 0.728               |
| 11  | 9475    | 14577  | 307369 | <a href="#">Marcos Ventura Faria</a>                  |  Brazil | <a href="#">Universidade Estadual do Centro Oeste UNICENTRO</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Plant Genetics   Corn Breeding   Vegetables Breeding  | 23      | 17          | 0.739               | 57        | 37          | 0.649               | 1960     | 967         | 0.493               |
| 2311  | 9476    | 14578  | 307375 | <a href="#">Elaine Cristina Marqueze</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniSantos</a><br>Sleep   Chronobiology   Shift work  | 23      | 18          | 0.783               | 38        | 32          | 0.842               | 1960     | 1215        | 0.620               |
| 232   | 9477    | 14579  | 307409 | <a href="#">Semiramis Martins Alvares Domene</a>      |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Dietética   Ingestão Alimentar   Educação em Saúde  | 23      | 16          | 0.696               | 40        | 24          | 0.600               | 1958     | 961         | 0.491               |
| 2312  | 9478    | 14580  | 307417 | <a href="#">Gil Vj Da Silva</a>                       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 23      | 9           | 0.391               | 54        | 8           | 0.148               | 1957     | 526         | 0.269               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 37  | 9479    | 14581  | 307445 | <a href="#">Sandrigo Mangini</a>              | <br><a href="#">Brazil</a>   | <a href="#">Hospital Israelita Albert Einstein</a>                          | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiologia   insuficiência cardíaca   transplante cardíaco   | 23      | 17          | 0.739               | 33        | 23          | 0.697               | 1956     | 1174        | 0.600               |
| 2313  | 9480    | 14582  | 307470 | <a href="#">Cecilia H Gouveia</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Anatomy</a><br>Bone Morphology and Physiology   | 23      | 14          | 0.609               | 34        | 19          | 0.559               | 1954     | 614         | 0.314               |
| 607   | 9481    | 14588  | 307595 | <a href="#">Rogerio Teixeira De Faria</a>     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | irrigação   engenharia de água e solo   simulação e modelagem   | 23      | 14          | 0.609               | 60        | 23          | 0.383               | 1945     | 706         | 0.363               |
| 401   | 9482    | 14593  | 307661 | <a href="#">Luciano Andrey Montoro</a>        | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>Materials Chemistry   Energy   Batteries   Electron Microscopy   Materials Characterization | 23      | 15          | 0.652               | 48        | 25          | 0.521               | 1942     | 617         | 0.318               |
| 627   | 9483    | 14594  | 307671 | <a href="#">Andréia Galvão</a>                | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Social Sciences / Political Science</a>   | 23      | 19          | 0.826               | 48        | 27          | 0.563               | 1941     | 1035        | 0.533               |
| 216   | 9484    | 14597  | 307703 | <a href="#">Angela Mehta</a>                  | <br><a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Researcher Embrapa Recursos Geneticos E Biotecnologia</a><br>plant-pathogen interactions   proteomics   genomics  | 23      | 16          | 0.696               | 54        | 31          | 0.574               | 1939     | 843         | 0.435               |
| 233   | 9485    | 14598  | 307722 | <a href="#">Hugo Cogo Moreira</a>             | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Social Sciences / Psychology</a><br>Psychometrics Statistics  | 23      | 22          | 0.957               | 60        | 56          | 0.933               | 1938     | 1568        | 0.809               |
| 2314  | 9486    | 14599  | 307753 | <a href="#">Mlam Campos</a>                   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Ambiental   Química da Atmosfera   Análise de Traços  | 23      | 16          | 0.696               | 38        | 25          | 0.658               | 1937     | 695         | 0.359               |
| 2315  | 9487    | 14601  | 307762 | <a href="#">Maria Ercilia De Araujo</a>       | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Education / Education</a><br>educação superior   Odontologia   Recursos Humanos em saúde   saúde Coletiva   | 23      | 17          | 0.739               | 46        | 26          | 0.565               | 1936     | 1009        | 0.521               |
| 217   | 9488    | 14602  | 307764 | <a href="#">Eduardo Cyrino Oliveira-Filho</a> | <br><a href="#">Brazil</a> | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                 | <a href="#">Pesquisador Embrapa Cerrados</a><br>Ecotoxicologia   Toxicologia Ambiental  | 23      | 15          | 0.652               | 42        | 24          | 0.571               | 1936     | 905         | 0.467               |
| 34  | 9489    | 14604  | 307788 | <a href="#">Celso L. Mendes</a>               | <br><a href="#">Brazil</a> | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                   | <a href="#">Senior Technologist, National Institute for Space Research</a><br>High Performance Computing  | 23      | 9           | 0.391               | 32        | 9           | 0.281               | 1935     | 306         | 0.158               |
| 85  | 9490    | 14605  | 307791 | <a href="#">Fabian Luis Vargas</a>            | <br><a href="#">Brazil</a> | <a href="#">Pontifícia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Catholic(PUCRS)</a><br>Radiation/EMC Design   Fault Tolerance & Security   Mixed-Criticality System   Multicore Processor   | 23      | 12          | 0.522               | 66        | 16          | 0.242               | 1934     | 509         | 0.263               |
| 2316  | 9491    | 14606  | 307792 | <a href="#">Eduardo Harry Birgel Junior</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">BuiatriClínicaBovinosMedicinaVeterináriaFZEAP</a><br>Clinica Veterinária  | 23      | 13          | 0.565               | 62        | 23          | 0.371               | 1934     | 667         | 0.345               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 35  | 9492    | 14607  | 307794 | <a href="#">Thiago M Venancio</a>                |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Universidade Estadual do Norte Fluminense</a><br>Bioinformatics   Comparative genomics   Evolution   Biochemistry                                     | 23      | 17          | 0.739               | 46        | 33          | 0.717               | 1934     | 1061        | 0.549               |
| 608   | 9493    | 14608  | 307810 | <a href="#">Claudia Carareto</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Evolução   Evolução Molecular   Filogenias   Genética   Elementos de Transposição                        | 23      | 12          | 0.522               | 47        | 15          | 0.319               | 1933     | 783         | 0.405               |
| 43  | 9494    | 14609  | 307813 | <a href="#">Andrea Von Groll</a>                 |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                 | <a href="#">RioGrande</a><br>microbiologia  | 23      | 17          | 0.739               | 43        | 32          | 0.744               | 1933     | 1039        | 0.538               |
| 2317  | 9495    | 14611  | 307829 | <a href="#">Antonio Carlos Lopes</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Psychiatry</a><br>obsessive-compulsive disorder   surgery   radiosurgery   neurosurgery   neuroimaging                  | 23      | 16          | 0.696               | 30        | 21          | 0.700               | 1933     | 794         | 0.411               |
| 609   | 9496    | 14612  | 307839 | <a href="#">Fábio Mícolis</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia   biomecânica   engenharia biomédica  | 23      | 21          | 0.913               | 44        | 39          | 0.886               | 1932     | 1300        | 0.673               |
| 39  | 9497    | 14613  | 307842 | <a href="#">Mônica Kassar</a>                    |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>              | <a href="#">Education / Education</a><br>Educação   educação especial   | 23      | 15          | 0.652               | 40        | 23          | 0.575               | 1932     | 983         | 0.509               |
| 83  | 9498    | 14615  | 307868 | <a href="#">Breno Bringel</a>                    |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>           | <a href="#">Social Sciences / Political Science</a><br>social movements   critical geopolitics   Latin America   social theory   intellectual history             | 23      | 21          | 0.913               | 45        | 34          | 0.756               | 1930     | 1209        | 0.626               |
| 218   | 9499    | 14617  | 307894 | <a href="#">Cristiano Alberto De Andrade</a>     |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Soil chemistry   soil fertility   soil organic matter   greenhouse gas emission | 23      | 15          | 0.652               | 50        | 26          | 0.520               | 1928     | 892         | 0.463               |
| 66  | 9500    | 14618  | 307895 | <a href="#">Lourivaldo Silva Santos</a>          |  Brazil | <a href="#">Universidade Federal do Pará UFPA</a>                       | <a href="#">Natural Sciences / Chemical Sciences</a><br>química orgânica   química de produtos naturais   síntese orgânica.                                       | 23      | 14          | 0.609               | 49        | 22          | 0.449               | 1928     | 750         | 0.389               |
| 16  | 9501    | 14619  | 307900 | <a href="#">Neide Aparecida Micelli Domingos</a> |  Brazil | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>   | <a href="#">Social Sciences / Psychology</a><br>Psicologia da Saúde   Psicologia Cognitivo-Comportamental   | 23      | 14          | 0.609               | 34        | 18          | 0.529               | 1928     | 561         | 0.291               |
| 219   | 9502    | 14620  | 307937 | <a href="#">Guilherme Souza</a>                  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>medicina veterinária   | 23      | 16          | 0.696               | 49        | 29          | 0.592               | 1925     | 828         | 0.430               |
| 2318  | 9503    | 14622  | 307961 | <a href="#">Maria Del Pilar Estevez Diz</a>      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>oncologia   cancerologia   cancer hereditário   qualidade de vida                               | 23      | 19          | 0.826               | 41        | 37          | 0.902               | 1924     | 1542        | 0.801               |
| 19  | 9504    | 14623  | 307966 | <a href="#">Gilda Vasconcellos De Andrade</a>    |  Brazil | <a href="#">Universidade Federal do Maranhão</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   Conservação   Biodiversidade   Herpetologia   | 23      | 11          | 0.478               | 31        | 15          | 0.484               | 1924     | 515         | 0.268               |














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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 105   | 9505    | 14624  | 308011 | <a href="#">Lucy Megumi Yamauchi</a>          |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                          | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiology   Parasitology   Imunology   | 23      | 17          | 0.739               | 43        | 31          | 0.721               | 1920     | 922         | 0.480               |
| 15  | 9506    | 14626  | 308026 | <a href="#">Luiz Antônio Da Fonseca Manso</a> |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>              | <a href="#">SÃOJOÃOdelRei</a><br>Planejamento e Operação de Sistemas Elétricos de Potência  | 23      | 13          | 0.565               | 35        | 16          | 0.457               | 1919     | 557         | 0.290               |
| 610   | 9507    | 14627  | 308035 | <a href="#">José Roberto Sartori</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Bioclimatologia   Etologia   Nutrição de Não Ruminantes  | 23      | 16          | 0.696               | 50        | 28          | 0.560               | 1918     | 884         | 0.461               |
| 21  | 9508    | 14629  | 308050 | <a href="#">Fabiano Timbó Barbosa</a>         |  Brazil   | <a href="#">Universidade Federal de Alagoas</a>                            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia clínica   Anestesiologia   Paciente crítico   | 23      | 19          | 0.826               | 56        | 42          | 0.750               | 1917     | 1299        | 0.678               |
| 11  | 9509    | 14630  | 308084 | <a href="#">Vasco Furtado</a>                 |  Brazil   | <a href="#">Universidade de Fortaleza UNIFOR</a>                           | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   Data Science   | 23      | 15          | 0.652               | 54        | 25          | 0.463               | 1915     | 982         | 0.513               |
| 234   | 9510    | 14632  | 308124 | <a href="#">Jane Tomimori</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                  | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Dermatologia   cancer da pele   transplante de órgão sólido   infecções   HPV                                  | 23      | 13          | 0.565               | 60        | 24          | 0.400               | 1912     | 746         | 0.390               |
| 14  | 9511    | 14633  | 308135 | <a href="#">Ieso Miranda Castro</a>           |  Brazil   | <a href="#">Universidade Federal de Ouro Preto UFOP</a>                    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biochemistry   Molecular Biology   Biotechnology   | 23      | 15          | 0.652               | 36        | 20          | 0.556               | 1912     | 693         | 0.362               |
| 21  | 9512    | 14634  | 308159 | <a href="#">Rosane Nora Castro</a>            |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>         | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos Naturais   Síntese orgânica  | 23      | 17          | 0.739               | 48        | 31          | 0.646               | 1910     | 1262        | 0.661               |
| 73  | 9513    | 14636  | 308180 | <a href="#">Roberto De Avillez</a>            |  Brazil | <a href="#">Pontifícia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>termodinâmica computacional   difração de raios-X   transformações de fase   síntese de materiais nanoestruturados | 23      | 16          | 0.696               | 37        | 21          | 0.568               | 1909     | 776         | 0.406               |
| 104   | 9514    | 14638  | 308194 | <a href="#">Fabricio Batistin Zanatta</a>     |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Periodontia   Odontologia   metodologia científica   epidemiologia   | 23      | 21          | 0.913               | 46        | 35          | 0.761               | 1908     | 1320        | 0.692               |
| 355   | 9515    | 14639  | 308206 | <a href="#">Maria Joao Ramos Pereira</a>      |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Zoology   Conservation Biology   Macroecology   Mammals  | 23      | 19          | 0.826               | 36        | 35          | 0.972               | 1908     | 1315        | 0.689               |
| 402   | 9516    | 14640  | 308208 | <a href="#">Franklin Massami Matinaga</a>     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física da matéria condensada  | 23      | 14          | 0.609               | 35        | 18          | 0.514               | 1908     | 493         | 0.258               |
| 49  | 9517    | 14641  | 308211 | <a href="#">Mauricio Hostim Silva</a>         |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Ichthyology   reef fishes   estuarine fishes   marine conservation   Epinephelus itajara   | 23      | 14          | 0.609               | 52        | 21          | 0.404               | 1907     | 772         | 0.405               |



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| 36  | 9518    | 14642  | 308218 | <a href="#">Maria Cristina Gaglianone</a>      |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia   | 23      | 15          | 0.652               | 40        | 27          | 0.675               | 1907     | 985         | 0.517               |
| 2319  | 9519    | 14643  | 308221 | <a href="#">Antonio Castelo Filho</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Mathematics</a><br>numerical analysis   computer graphics   computational fluid dynamics   | 23      | 11          | 0.478               | 37        | 13          | 0.351               | 1907     | 428         | 0.224               |
| 1   | 9520    | 14645  | 308238 | <a href="#">Luiz Alberto Forgiarini Junior</a> |  Brazil   | <a href="#">Rede Metodista de Educação do Sul</a>                       | <a href="#">Medical and Health Sciences / Physiotherapy</a><br>Fisioterapia em Terapia Intensiva  | 23      | 19          | 0.826               | 60        | 42          | 0.700               | 1905     | 1232        | 0.647               |
| 2320  | 9521    | 14646  | 308240 | <a href="#">Alexandre Piantini</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | Lightning   power quality   electromagnetic compatibility   | 23      | 14          | 0.609               | 53        | 21          | 0.396               | 1905     | 783         | 0.411               |
| 149   | 9522    | 14648  | 308253 | <a href="#">Francisco Paulo Jamil Marques</a>  |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                          | <a href="#">Social Sciences / Political Science</a><br>Political Communication   Global Media   Journalism   Public Opinion   Journalism Studies                    | 23      | 19          | 0.826               | 55        | 38          | 0.691               | 1904     | 1077        | 0.566               |
| 10  | 9523    | 14649  | 308261 | <a href="#">Fabiano Guimaraes Silva</a>        |  Brazil   | <a href="#">Instituto Federal Goiano</a>                                | <a href="#">Goiano</a><br>Cultura de tecidos vegetais   cultivo in vitro   suspensão celular  | 23      | 19          | 0.826               | 64        | 38          | 0.594               | 1903     | 1321        | 0.694               |
| 211   | 9524    | 14651  | 308280 | <a href="#">Janaina Luz Narciso Schiavon</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>             | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterologia   Hepatologia   | 23      | 17          | 0.739               | 47        | 29          | 0.617               | 1902     | 875         | 0.460               |
| 220   | 9525    | 14654  | 308332 | <a href="#">Leonardo Ferreira Dutra</a>        |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>             | <a href="#">Pesquisador, Embrapa Clima Temperado</a><br>Propagação de plantas   micropropagação de plantas   cultura de tecidos   conservação de recursos genéticos | 23      | 13          | 0.565               | 55        | 20          | 0.364               | 1899     | 593         | 0.312               |
| 2321  | 9526    | 14655  | 308346 | <a href="#">Vanessa Carregaro Pereira</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   Parasitologia  | 23      | 17          | 0.739               | 32        | 26          | 0.813               | 1899     | 978         | 0.515               |
| 611   | 9527    | 14656  | 308349 | <a href="#">Ana Maria Pires</a>                |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry   Spectroscopy   Luminescence   Rare-Earth Ions   | 23      | 14          | 0.609               | 46        | 26          | 0.565               | 1898     | 738         | 0.389               |
| 150   | 9528    | 14657  | 308380 | <a href="#">Marco Tadeu Grassi</a>             |  Brazil | <a href="#">Universidade Federal do Paraná</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Environmental and Analytical Chemistry and Aquatic Chemistry  | 23      | 15          | 0.652               | 52        | 26          | 0.500               | 1896     | 904         | 0.477               |
| 2322  | 9529    | 14658  | 308383 | <a href="#">Natal Antonio Vello</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Melhoramento Genético Vegetal   Germoplasma   Genética Quantitativa   Soja                   | 23      | 13          | 0.565               | 45        | 17          | 0.378               | 1896     | 559         | 0.295               |
| 66  | 9530    | 14659  | 308386 | <a href="#">Walter Medeiros</a>                |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>             | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geophysics   Geosciences   | 23      | 15          | 0.652               | 38        | 22          | 0.579               | 1896     | 722         | 0.381               |
| 403   | 9531    | 14660  | 308405 | <a href="#">Paulo Antônio Martins Junior</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria  | 23      | 21          | 0.913               | 36        | 34          | 0.944               | 1895     | 1296        | 0.684               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 612   | 9532    | 14661  | 308409 | <a href="#">Janete Dias Almeida</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Medical and Health Sciences / Dentistry</a><br>Oral Medicine   Oral Cancer   | 23      | 15          | 0.652               | 57        | 24          | 0.421               | 1894     | 751         | 0.397               |
| 628   | 9533    | 14663  | 308462 | <a href="#">Roberta Ceriani</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Engineering &amp; Technology / Chemical Engineering</a>  | 23      | 15          | 0.652               | 40        | 29          | 0.725               | 1891     | 958         | 0.507               |
| 155   | 9534    | 14664  | 308463 | <a href="#">Said Fonseca</a>  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacotécnica   Fitoterapia   Produção de Medicamentos  | 23      | 17          | 0.739               | 39        | 32          | 0.821               | 1891     | 993         | 0.525               |
| 629   | 9535    | 14665  | 308471 | <a href="#">Ricardo Barini</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a><br>obstetricia   medicina fetal   reprodução humana   aborto habitual   imunologia e reprodução                | 23      | 14          | 0.609               | 61        | 23          | 0.377               | 1890     | 808         | 0.428               |
| 613   | 9536    | 14666  | 308474 | <a href="#">José Ricardo Arruda Miranda</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">Natural Sciences / Physics</a><br>física medica   biofísica  | 23      | 13          | 0.565               | 49        | 24          | 0.490               | 1890     | 761         | 0.403               |
| 39  | 9537    | 14667  | 308488 | <a href="#">Alexandre Faria</a>   |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor da Escola Brasileira de Administração Pública e Empresarial - EBAPE-FGV</a><br>Estratégia   estudos críticos   estudos organizacionais   decolonial   marketing  | 23      | 16          | 0.696               | 49        | 21          | 0.429               | 1889     | 801         | 0.424               |
| 221   | 9538    | 14668  | 308510 | <a href="#">Fernanda Vidigal Duarte Souza</a>   |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>                                      | <a href="#">Embrapa Mandioca e Fruticultura</a><br>Biotecnologia Vegetal   Melhoramento Genético de Abacaxi   Criopreservação   Recursos Genéticos vegetais   Conservação              | 23      | 16          | 0.696               | 52        | 29          | 0.558               | 1888     | 1196        | 0.633               |
| 9   | 9539    | 14669  | 308519 | <a href="#">André Ricardo Ribas Freitas Andre Ribas Freitas, Andre Ribas, Andre Freitas</a> |  Brazil | <a href="#">Faculdade de Odontologia São Leopoldo Mandic</a>                                     | <a href="#">MediciSÁfoLeopolMandic</a><br>dengue   influenza   chikungunya   arbovirus   covid-19  | 23      | 22          | 0.957               | 38        | 33          | 0.868               | 1888     | 1687        | 0.894               |
| 100   | 9540    | 14672  | 308566 | <a href="#">Joaquim F Martins Filho</a>   |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Optical networks   optical communications   telecommunications   optical sensors   photonics | 23      | 13          | 0.565               | 58        | 19          | 0.328               | 1885     | 572         | 0.303               |
| 2323  | 9541    | 14674  | 308583 | <a href="#">Hugo Celso Dutra De Souza</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Physiology</a><br>Physiology   Cardiac Rehabilitation   Cardiac Autonomic Control   Physical Exercise  | 23      | 16          | 0.696               | 62        | 38          | 0.613               | 1884     | 923         | 0.490               |
| 2324  | 9542    | 14675  | 308597 | <a href="#">Valéria Leme Gonçalves Panissa</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>  |  | 23      | 22          | 0.957               | 49        | 45          | 0.918               | 1883     | 1417        | 0.753               |
| 1   | 9543    | 14676  | 308601 | <a href="#">Juliano Casonatto</a>   |  Brazil | <a href="#">Universidade do Norte do Paraná</a>  | <a href="#">Professor of Physical Education, Universidade Norte do Paraná</a><br>Exercise Physiology   Cardiovascular Physiology   Physical Fitness                                    | 23      | 17          | 0.739               | 40        | 24          | 0.600               | 1883     | 1004        | 0.533               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 86  | 9544    | 14677  | 308606 | <a href="#">Osmar Norberto De Souza Labio</a>        |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Trunk&amp;LimbsBioinformaticsModellingandSimulation&amp;#x2013;Bioinformatics   Comput. Molecular Biophysics   Pharminformatics   Computer Assisted-Drug Design   Protein Structure Prediction  </a> | 23      | 13          | 0.565               | 45        | 25          | 0.556               | 1882     | 591         | 0.314               |
| 2325  | 9545    | 14680  | 308670 | <a href="#">Pedro Augusto Carlos Magno Fernandes</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Physiology</a><br>Neuroimmunoendocrinology   Cronobiology   melatonin   immune-pineal axis   | 23      | 19          | 0.826               | 36        | 35          | 0.972               | 1879     | 1133        | 0.603               |
| 235   | 9546    | 14681  | 308679 | <a href="#">Vanessa Dias Capriles</a>                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Ciência e Tecnologia de Alimentos   Nutrição  | 23      | 18          | 0.783               | 37        | 26          | 0.703               | 1878     | 1292        | 0.688               |
| 4   | 9547    | 14682  | 308680 | <a href="#">Marina Da Rosa Kaizer</a>                |  Brazil   | <a href="#">Universidade Positivo</a>                                       | <a href="#">Positivo</a>   | 23      | 21          | 0.913               | 36        | 31          | 0.861               | 1878     | 1596        | 0.850               |
| 15  | 9548    | 14684  | 308690 | <a href="#">Irene Mauricio Cazorla</a>               |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                    | <a href="#">Natural Sciences / Mathematics</a><br>Educação Estatística   | 23      | 15          | 0.652               | 42        | 19          | 0.452               | 1877     | 871         | 0.464               |
| 67  | 9549    | 14685  | 308702 | <a href="#">Denis Rosário</a>                        |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Para</a><br>Fog Computing   Mobility   Quality of Experience   VANET   FANET   | 23      | 19          | 0.826               | 50        | 38          | 0.760               | 1876     | 1236        | 0.659               |
| 11  | 9550    | 14686  | 308711 | <a href="#">Antonio Thome</a>                        |  Brazil   | <a href="#">Universidade de Passo Fundo</a>                                 | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>remediation   soil pollution   bioremediation   geotecnia ambiental   soil stabilization  | 23      | 20          | 0.870               | 41        | 33          | 0.805               | 1876     | 1244        | 0.663               |
| 2326  | 9551    | 14687  | 308721 | <a href="#">Carla Renata Sipert</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Inflamação dos Tecidos Pulpares e Periapicais   Biologia dos Tecidos Bucais  | 23      | 17          | 0.739               | 26        | 23          | 0.885               | 1876     | 861         | 0.459               |
| 2327  | 9552    | 14688  | 308737 | <a href="#">Jorge Camilo Florio</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pharmacology</a><br>farmacologia   toxicologia   | 23      | 14          | 0.609               | 47        | 23          | 0.489               | 1874     | 700         | 0.374               |
| 614   | 9553    | 14689  | 308738 | <a href="#">Edson Ramos De Siqueira</a>              |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">FMVZ/Botucatu</a><br>Ovinocultura   Comportamento Animal   Produção de Leite Ovino   | 23      | 9           | 0.391               | 47        | 9           | 0.191               | 1874     | 341         | 0.182               |
| 40  | 9554    | 14694  | 308827 | <a href="#">Marcato Junior José</a>                  |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                  | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Remote Sensing   Sensoriamento Remoto   Deep Learning   Photogrammetry   Fotogrametria                                 | 23      | 22          | 0.957               | 45        | 42          | 0.933               | 1869     | 1718        | 0.919               |
| 41  | 9555    | 14696  | 308841 | <a href="#">Anderson Rodrigues Lima Caires</a>       |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                  | Espectroscopia Óptica   Nanotecnologia   Biocombustível   Plantas  | 23      | 19          | 0.826               | 48        | 39          | 0.813               | 1868     | 1205        | 0.645               |
| 2328  | 9556    | 14700  | 308901 | <a href="#">Nádia Araci Bou Chacra</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotechnology-based drug delivery   evaluation of preservative systems   quality by design                                     | 23      | 20          | 0.870               | 45        | 41          | 0.911               | 1864     | 1544        | 0.828               |
| 630   | 9557    | 14701  | 308909 | <a href="#">Fábio Bucarechi</a>                      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Toxicologia e Toxinologia Clínica   | 23      | 16          | 0.696               | 34        | 22          | 0.647               | 1864     | 682         | 0.366               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 236   | 9558    | 14702  | 308911 | <a href="#">Bruno Alves Rocha</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Analytical chemistry   Sample preparation methods   Chromatographic methods          | 23      | 20          | 0.870               | 30        | 27          | 0.900               | 1864     | 1275        | 0.684               |
| 2329  | 9559    | 14703  | 308926 | <a href="#">Camila Squarzoni Dale</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">do</a><br>dor   canabinóides   fotobiomodulação   neuromodulação   | 23      | 18          | 0.783               | 34        | 29          | 0.853               | 1863     | 920         | 0.494               |
| 2330  | 9560    | 14704  | 308933 | <a href="#">Marcia De Almeida Rizzutto</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física Aplicada   Arqueometria   Análise de materiais com aceleradores   | 23      | 14          | 0.609               | 55        | 20          | 0.364               | 1862     | 725         | 0.389               |
| 105   | 9561    | 14705  | 308941 | <a href="#">Luana Severo Alves</a>              |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística   Cariologia   Epidemiologia   | 23      | 22          | 0.957               | 38        | 33          | 0.868               | 1862     | 1162        | 0.624               |
| 404   | 9562    | 14707  | 308959 | <a href="#">Ângela Maria Vieira Pinheiro</a>    |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Social Sciences / Psychology</a><br>Desenvolvimento da leitura e da escrita   construção de medidas de reconhecimento de palavras e de compreensão leitora e disle | 23      | 11          | 0.478               | 44        | 15          | 0.341               | 1861     | 463         | 0.249               |
| 35  | 9563    | 14708  | 308963 | <a href="#">Luciano Ponzi Pezzi</a>             |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>              | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Meteorology   Physical Oceanography   | 23      | 17          | 0.739               | 41        | 30          | 0.732               | 1861     | 832         | 0.447               |
| 615   | 9564    | 14711  | 308999 | <a href="#">Amanda Martins Baviera</a>          |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">ClínicasFarmacêuticas</a><br>Controle do Metabolismo em Mamíferos  | 23      | 17          | 0.739               | 37        | 30          | 0.811               | 1859     | 931         | 0.501               |
| 106   | 9565    | 14712  | 309012 | <a href="#">Eduardo Hiromitsu Tanabe</a>        |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | Recycling   Leaching   Filtration  | 23      | 22          | 0.957               | 39        | 38          | 0.974               | 1858     | 1601        | 0.862               |
| 2331  | 9566    | 14715  | 309048 | <a href="#">Fabio Marcon Alfieri</a>            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Adventist</a><br>reabilitação   promoção da saúde  | 23      | 17          | 0.739               | 42        | 33          | 0.786               | 1856     | 1131        | 0.609               |
| 15  | 9567    | 14716  | 309079 | <a href="#">Ricardo Andrez Machado De Ávila</a> |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>          | <a href="#">Biotecnologia</a><br>Biotecnologia   | 23      | 18          | 0.783               | 65        | 56          | 0.862               | 1854     | 1342        | 0.724               |
| 2332  | 9568    | 14717  | 309081 | <a href="#">José Jukemura</a>                   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">UniversidSão Paulo</a><br>ciências da saúde  | 23      | 11          | 0.478               | 51        | 13          | 0.255               | 1854     | 508         | 0.274               |
| 42  | 9569    | 14723  | 309187 | <a href="#">Marco Antonio Utrera Martines</a>   |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 23      | 17          | 0.739               | 35        | 25          | 0.714               | 1848     | 886         | 0.479               |
| 107   | 9570    | 14724  | 309202 | <a href="#">Ricardo F Schumacher</a>            |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Organic Synthesis  | 23      | 15          | 0.652               | 33        | 29          | 0.879               | 1847     | 1066        | 0.577               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2333  | 9571    | 14725  | 309204 | <a href="#">Ana Paula Ulian De Araujo</a><br><a href="#">Ana P. U. Araujo</a> , <a href="#">Ana Paula Ulian de Araujo</a> , <a href="#">Ana Paula U. Araujo</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Molecular and Structural Biology  | 23      | 16          | 0.696               | 55        | 32          | 0.582               | 1846     | 813         | 0.440               |
| 405   | 9572    | 14726  | 309209 | <a href="#">Eduardo Mam Mendes</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Modelling   Identification   Control Systems   Neural Nets   Biomedical Engineering                   | 23      | 16          | 0.696               | 46        | 26          | 0.565               | 1846     | 784         | 0.425               |
| 33  | 9573    | 14727  | 309223 | <a href="#">Elizabeth Franklin</a>  |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>            | <a href="#">Natural Sciences / Biological Science</a><br>ecologia de invertebrados do solo   ácaros do solo   Acari Oribatida   | 23      | 15          | 0.652               | 55        | 28          | 0.509               | 1845     | 797         | 0.432               |
| 616   | 9574    | 14728  | 309256 | <a href="#">Ana Paula Rosifini Alves Claro</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomateriais e Materiais Biocompatíveis   | 23      | 17          | 0.739               | 40        | 29          | 0.725               | 1843     | 1033        | 0.560               |
| 68  | 9575    | 14733  | 309341 | <a href="#">Edivaldo Hc De Oliveira</a>   |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                      | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetica   | 23      | 19          | 0.826               | 58        | 46          | 0.793               | 1837     | 1251        | 0.681               |
| 4   | 9576    | 14734  | 309344 | <a href="#">Angela Kinoshita</a>  |  Brazil   | <a href="#">Universidade do Oeste Paulista UNOESTE</a>                 | <a href="#">Medical and Health Sciences / Medical Physics</a><br>Medical Physics   Biophysics   Materials Science   Environmental Science   | 23      | 15          | 0.652               | 50        | 32          | 0.640               | 1837     | 961         | 0.523               |
| 75  | 9577    | 14736  | 309359 | <a href="#">Renata Cristina De Lima</a>   |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>química inorgânica do estado sólido   óxidos semicondutores   síntese de nanoestruturas   | 23      | 19          | 0.826               | 42        | 31          | 0.738               | 1836     | 1047        | 0.570               |
| 2334  | 9578    | 14737  | 309361 | <a href="#">Paulo Pimenta</a>   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>computational mechanics   civil engineering   structural engineering   engineering mechanics                                | 23      | 15          | 0.652               | 41        | 18          | 0.439               | 1836     | 614         | 0.334               |
| 151   | 9579    | 14738  | 309370 | <a href="#">Cláudia Marino</a>  |  Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Biomaterials and Tissue Engineering</a><br>Biomateriais   Corrosão   Eletroquímica   Sistemas de liberação controlada de fármacos   Bioatividade     | 23      | 19          | 0.826               | 30        | 26          | 0.867               | 1836     | 972         | 0.529               |
| 237   | 9580    | 14739  | 309373 | <a href="#">Vanessa Kiyomi Ota</a>  |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatric Genetics  | 23      | 21          | 0.913               | 52        | 40          | 0.769               | 1835     | 1379        | 0.751               |
| 116   | 9581    | 14742  | 309422 | <a href="#">Patrícia Alvarenga</a>  |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">Social Sciences / Psychology</a><br>Psicologia do Desenvolvimento   | 23      | 16          | 0.696               | 39        | 26          | 0.667               | 1832     | 694         | 0.379               |
| 2335  | 9582    | 14744  | 309460 | <a href="#">Fernando Facury Scaff</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Economics &amp; Econometrics / Accounting &amp; Finance</a><br>Direito  | 23      | 14          | 0.609               | 44        | 20          | 0.455               | 1830     | 780         | 0.426               |
| 356   | 9583    | 14747  | 309511 | <a href="#">Andre Reis</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Electronic Design Automation   algorithms   logic synthesis   data structures   intellectual property | 23      | 14          | 0.609               | 59        | 24          | 0.407               | 1826     | 796         | 0.436               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2336  | 9584    | 14749  | 309522 | <a href="#">Roberto Ribas</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física Nuclear   Instrumentação Nuclear  | 23      | 9           | 0.391               | 51        | 9           | 0.176               | 1825     | 318         | 0.174               |
| 617   | 9585    | 14751  | 309551 | <a href="#">Jane Maria Bertocco Ezequiel</a>    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição Animal   Análise de Alimentos   Ruminantes                                   | 23      | 14          | 0.609               | 58        | 16          | 0.276               | 1823     | 700         | 0.384               |
| 618   | 9586    | 14752  | 309565 | <a href="#">Ricardo Polanczyk</a>               |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>controle biológico de pragas   | 23      | 16          | 0.696               | 59        | 29          | 0.492               | 1822     | 1081        | 0.593               |
| 631   | 9587    | 14753  | 309584 | <a href="#">Jose Roberto Matos Souza</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Cardiology</a><br>CARDIOLOGY   | 23      | 16          | 0.696               | 41        | 25          | 0.610               | 1821     | 1009        | 0.554               |
| 84  | 9588    | 14756  | 309599 | <a href="#">Marcelino Jose Dos Anjos</a>        |  <a href="#">Brazil</a>   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Instrumentação Física / Técnicas Analíticas LIETA Física UERJ</a><br>Espectrometria de raios x e radiação gama                                     | 23      | 13          | 0.565               | 61        | 27          | 0.443               | 1820     | 722         | 0.397               |
| 156   | 9589    | 14757  | 309609 | <a href="#">Marcos Carlos Mattos</a>            |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química Orgânica   Síntese Orgânica   Biocatálise  | 23      | 17          | 0.739               | 39        | 22          | 0.564               | 1820     | 1177        | 0.647               |
| 174   | 9590    | 14760  | 309626 | <a href="#">Ricardo Viani</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>plant ecology   restoration ecology   tropical forestry   ecosystem services                     | 23      | 19          | 0.826               | 40        | 30          | 0.750               | 1819     | 1149        | 0.632               |
| 2337  | 9591    | 14761  | 309669 | <a href="#">Marcel Bellato Spósito</a>          |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Fruticultura   | 23      | 16          | 0.696               | 55        | 30          | 0.545               | 1816     | 801         | 0.441               |
| 222   | 9592    | 14762  | 309687 | <a href="#">Rosangela Maria Simeão Resende</a>  |  <a href="#">Brazil</a>   | <a href="#">Empresa Brasileira de Pesquisa Agropecuária</a>            | <a href="#">Embrapa Gado de Corte</a><br>forage breeding   genomic selection   | 23      | 15          | 0.652               | 53        | 25          | 0.472               | 1815     | 910         | 0.501               |
| 2338  | 9593    | 14763  | 309704 | <a href="#">Jose Roberto Cardoso Jr Cardoso</a> |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Education / Education</a><br>Educação em Engenharia   Eletromagnetismo   Conversão de Energia  | 23      | 10          | 0.435               | 60        | 13          | 0.217               | 1814     | 447         | 0.246               |
| 368   | 9594    | 14766  | 309777 | <a href="#">Mariane Rembold Petraglia</a>       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">UFRJ</a><br>Processamento de Sinais  | 23      | 15          | 0.652               | 49        | 20          | 0.408               | 1809     | 600         | 0.332               |
| 226   | 9595    | 14767  | 309785 | <a href="#">Paulo Afonso Nogueira</a>           |  <a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Fiocruz Amazonia</a><br>imunologia   anticorpos   malaria  | 23      | 15          | 0.652               | 31        | 22          | 0.710               | 1809     | 712         | 0.394               |
| 34  | 9596    | 14768  | 309788 | <a href="#">Rigoberto Em Morales</a>            |  <a href="#">Brazil</a> | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>       | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Fluid Mechanics   Gas-Liquid Flow   Two-Phase Flow   Multiphase Flow   Flow Assurance | 23      | 19          | 0.826               | 60        | 48          | 0.800               | 1808     | 1319        | 0.730               |
| 53  | 9597    | 14769  | 309789 | <a href="#">Daniela Isabel Brayer Pereira</a>   |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Medical and Health Sciences / Microbiology</a><br>Micologia  | 23      | 15          | 0.652               | 54        | 37          | 0.685               | 1808     | 880         | 0.487               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2339  | 9598    | 14770  | 309794 | <a href="#">Renato Vitalino Gonçalves</a>      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>nanomaterials   energy conversion   | 23      | 21          | 0.913               | 47        | 44          | 0.936               | 1808     | 1395        | 0.772               |
| 619   | 9599    | 14771  | 309795 | <a href="#">Cesar Rogerio Pucci</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   adesão   clareamento dental   laser   | 23      | 19          | 0.826               | 46        | 34          | 0.739               | 1808     | 1183        | 0.654               |
| 2340  | 9600    | 14772  | 309818 | <a href="#">Waldek Bose</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">USP</a><br>Comportamento Mecânico dos Materiais  | 23      | 16          | 0.696               | 43        | 31          | 0.721               | 1807     | 1034        | 0.572               |
| 123   | 9601    | 14773  | 309838 | <a href="#">Flavio Justino</a>                 |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Clima  | 23      | 18          | 0.783               | 45        | 32          | 0.711               | 1806     | 1044        | 0.578               |
| 11  | 9602    | 14774  | 309852 | <a href="#">Julio Maria Fonseca Chebli</a>     |  Brazil   | <a href="#">Universidade Federal de Juiz de Fora UFJF</a>              | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Inflammatory Bowel Disease   Pancreatitis  | 23      | 15          | 0.652               | 48        | 24          | 0.500               | 1805     | 833         | 0.461               |
| 2341  | 9603    | 14775  | 309860 | <a href="#">Elizabeth Balbachevsky</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>Higher Education policies   Science   Technology and Innovation policies   Institutional governance | 23      | 13          | 0.565               | 41        | 20          | 0.488               | 1805     | 738         | 0.409               |
| 185   | 9604    | 14778  | 309881 | <a href="#">Renata Aquino</a>                  |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">UniversidBrasília</a><br>química   magnetismo   nanociência  | 23      | 16          | 0.696               | 47        | 28          | 0.596               | 1804     | 889         | 0.493               |
| 106   | 9605    | 14780  | 309904 | <a href="#">Cesar Tischer</a>                  |  Brazil   | <a href="#">Universidade Estadual de Londrina</a>                      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>biochemistry OR nmr OR biotechnology OR polysaccharides                                      | 23      | 16          | 0.696               | 33        | 22          | 0.667               | 1803     | 935         | 0.519               |
| 620   | 9606    | 14781  | 309912 | <a href="#">Maria Rita Marques De Oliveira</a> |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Unesp</a>  | 23      | 15          | 0.652               | 49        | 23          | 0.469               | 1802     | 790         | 0.438               |
| 632   | 9607    | 14783  | 309947 | <a href="#">Daniella Pires Nunes</a>           |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Universidade Estadual de Campinas</a>  | 23      | 20          | 0.870               | 37        | 30          | 0.811               | 1800     | 1246        | 0.692               |
| 357   | 9608    | 14784  | 309956 | <a href="#">Fernando Mainardi Fan</a>          |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">UFRGS</a><br>Recursos Hídricos   | 23      | 21          | 0.913               | 42        | 37          | 0.881               | 1799     | 1389        | 0.772               |
| 117   | 9609    | 14785  | 309969 | <a href="#">Paulo Novis Rocha</a>              |  Brazil | <a href="#">Universidade Federal da Bahia</a>                          | <a href="#">IIMediciEApoiDiagnósticoUFBA</a><br>Clínica Médica   Nefrologia   Imunologia   Bioestatística  | 23      | 15          | 0.652               | 34        | 20          | 0.588               | 1799     | 543         | 0.302               |
| 633   | 9610    | 14787  | 310007 | <a href="#">Monica Barbosa De Melo</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Humana e Médica   Oftalmologia   Hematologia                               | 23      | 13          | 0.565               | 43        | 19          | 0.442               | 1796     | 621         | 0.346               |
| 369   | 9611    | 14788  | 310020 | <a href="#">José F De Rezende</a>              |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Computer networks   | 23      | 7           | 0.304               | 51        | 4           | 0.078               | 1795     | 275         | 0.153               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2342  | 9612    | 14789  | 310024 | <a href="#">Daniel Reinaldo Cornejo</a>                                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Nanomagnetism   Magnetism and Magnetic Materials   Magnetic materials   Magnetic hysteresis   Exchange-bias                                    | 23      | 16          | 0.696               | 46        | 21          | 0.457               | 1795     | 852         | 0.475               |
| 370   | 9613    | 14790  | 310037 | <a href="#">Marcelo Werneck</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">RioJaneiro</a><br>Optical fiber sensors  | 23      | 16          | 0.696               | 49        | 27          | 0.551               | 1794     | 946         | 0.527               |
| 212   | 9614    | 14791  | 310042 | <a href="#">Hugo Moreira Soares</a>                                    |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Biotecnologia ambiental   tratamento biológico de resíduos   tratamento de efluentes   digestão anaeróbia   remoção d | 23      | 14          | 0.609               | 37        | 25          | 0.676               | 1794     | 921         | 0.513               |
| 152   | 9615    | 14792  | 310044 | <a href="#">Rafael FC Vieira</a>                                       |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Ticks and Tick-borne diseases   hemotropic mycoplasmas   One Health  | 23      | 19          | 0.826               | 46        | 41          | 0.891               | 1793     | 1126        | 0.628               |
| 19  | 9616    | 14794  | 310054 | <a href="#">Glauber Jose De Castro Gava</a>                            |  Brazil   | <a href="#">Instituto Agrônomico</a>                                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia  | 23      | 14          | 0.609               | 35        | 19          | 0.543               | 1793     | 669         | 0.373               |
| 2343  | 9617    | 14795  | 310063 | <a href="#">Gregório Cardoso Tápias Ceccantini</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>Botany   wood   parasitic plants   hydraulic architecture   | 23      | 17          | 0.739               | 52        | 35          | 0.673               | 1792     | 1010        | 0.564               |
| 11  | 9618    | 14796  | 310064 | <a href="#">Fabricio Fagundes Pereira</a>                              |  Brazil   | <a href="#">Universidade Federal da Grande Dourados UFGD</a>           | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Entomologia   manejo integrado de prgas   Controle Biológico com parasitoides  | 23      | 13          | 0.565               | 49        | 31          | 0.633               | 1792     | 809         | 0.451               |
| 2344  | 9619    | 14797  | 310089 | <a href="#">Karina Pfrimer</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   elderly   body composition   isotopes stables   energy expenditure                                      | 23      | 17          | 0.739               | 41        | 31          | 0.756               | 1791     | 896         | 0.500               |
| 2345  | 9620    | 14799  | 310130 | <a href="#">José Tadeu Stefano</a>                                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a>  | 23      | 17          | 0.739               | 39        | 29          | 0.744               | 1789     | 992         | 0.554               |
| 223   | 9621    | 14800  | 310131 | <a href="#">Luiz Sergio Camargo</a>                                    |  Brazil  | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Researcher at Brazilian Agricultural Research Corporation - Embrapa</a><br>Reproductive biotechnologies   Genetic engineering in livestock                                       | 23      | 15          | 0.652               | 39        | 25          | 0.641               | 1789     | 786         | 0.439               |
| 224   | 9622    | 14802  | 310144 | <a href="#">Marcelo Ferreira Fernandes</a>                             |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Pesquisador em Microbiologia do Solo, Embrapa Tabuleiros Costeiros</a><br>Microbiologia do solo  | 23      | 16          | 0.696               | 41        | 24          | 0.585               | 1788     | 766         | 0.428               |
| 621   | 9623    | 14804  | 310163 | <a href="#">João Cesar Bedran De Castro</a>                            |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia de Órgãos e Sistemas   Neuroendocrinologia  | 23      | 12          | 0.522               | 52        | 17          | 0.327               | 1786     | 573         | 0.321               |
| 238   | 9624    | 14805  | 310186 | <a href="#">Andre Zugman</a>   |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Psychiatry</a><br>psychiatry   MRI   | 23      | 20          | 0.870               | 43        | 40          | 0.930               | 1785     | 1406        | 0.788               |
| 358   | 9625    | 14806  | 310194 | <a href="#">Alexandre P Dos Santos Ou Alexandre Pereira Dos Santos</a> |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>Physics   Soft Matter  | 23      | 20          | 0.870               | 31        | 27          | 0.871               | 1785     | 854         | 0.478               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2346  | 9626    | 14807  | 310206 | <a href="#">Denise Bergamaschi</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">SaúdePúblic</a><br>Aferição em epidemiologia  | 23      | 14          | 0.609               | 39        | 21          | 0.538               | 1784     | 574         | 0.322               |
| 69  | 9627    | 14810  | 310238 | <a href="#">Demetrius Antonio Machado De Araújo</a> |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>   | <a href="#">Biotecnologia biologia celular e molecular eletrofisiologia </a><br>Biotecnologia   biologia celular e molecular   eletrofisiologia                               | 23      | 17          | 0.739               | 35        | 27          | 0.771               | 1782     | 786         | 0.441               |
| 634   | 9628    | 14811  | 310246 | <a href="#">Silmara Allegretti</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   | 23      | 19          | 0.826               | 39        | 30          | 0.769               | 1781     | 1097        | 0.616               |
| 371   | 9629    | 14812  | 310261 | <a href="#">Carlos Logullo</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica  | 23      | 16          | 0.696               | 41        | 28          | 0.683               | 1780     | 765         | 0.430               |
| 622   | 9630    | 14813  | 310264 | <a href="#">Marcos Omir Marques</a>                 |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           | <a href="#">IIITecnologiaAÁsúcareEtanolCampusJaboticabal</a><br>Tecnologia   Açúcar   Etanol   Subprodutos  | 23      | 9           | 0.391               | 41        | 9           | 0.220               | 1780     | 300         | 0.169               |
| 10  | 9631    | 14815  | 310283 | <a href="#">Claudette Maria Medeiros Vendramini</a> |  Brazil   | <a href="#">Universidade São Francisco</a>   | <a href="#">SÁfoFranciscoF</a><br>Fundamentos e medidas em Psicologia   Psicologia Educacional   Educação estatística   | 23      | 12          | 0.522               | 36        | 15          | 0.417               | 1779     | 486         | 0.273               |
| 70  | 9632    | 14816  | 310285 | <a href="#">Adriano Rolim Da Paz</a>                |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>   | <a href="#">Engineering &amp; Technology / Engineering</a><br>Recursos Hídricos   Geoprocessamento   Drenagem Urbana   Modelagem Hidrológica                                  | 23      | 17          | 0.739               | 34        | 23          | 0.676               | 1779     | 921         | 0.518               |
| 40  | 9633    | 14819  | 310306 | <a href="#">Regina Silvia Pacheco</a>               |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor. Gestão Pública, EAESP-FGV</a><br>reforma do Estado   dirigentes públicos   cargos de livre nomeação   parcerias público-privado   agências reguladoras | 23      | 14          | 0.609               | 38        | 18          | 0.474               | 1778     | 479         | 0.269               |
| 29  | 9634    | 14821  | 310331 | <a href="#">Reinaldo José Gianini</a>               |  Brazil | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>                             | Saúde   | 23      | 15          | 0.652               | 35        | 20          | 0.571               | 1777     | 664         | 0.374               |
| 186   | 9635    | 14824  | 310339 | <a href="#">Fabricio Machado Silva</a>              |  Brazil | <a href="#">Universidade de Brasília UNB</a>   | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química   | 23      | 17          | 0.739               | 49        | 36          | 0.735               | 1776     | 924         | 0.520               |
| 101   | 9636    | 14826  | 310357 | <a href="#">Ana Carolina Salgado</a>                |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">InformáticUniversidPernambuco</a><br>Banco de Dados   Integração de Dados   Contexto   Semântica  | 23      | 8           | 0.348               | 51        | 7           | 0.137               | 1775     | 335         | 0.189               |
| 12  | 9637    | 14827  | 310382 | <a href="#">Fernando Fornari</a>                    |  Brazil | <a href="#">Universidade de Passo Fundo</a>  | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Gastroenterologia e Pesquisa Clínica em Saúde Oral  | 23      | 15          | 0.652               | 38        | 22          | 0.579               | 1774     | 758         | 0.427               |
| 13  | 9638    | 14828  | 310396 | <a href="#">Edson Bortoluzzi</a>                    |  Brazil | <a href="#">Universidade de Passo Fundo</a>  | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomia   solos   mineralogia   | 23      | 16          | 0.696               | 39        | 29          | 0.744               | 1773     | 879         | 0.496               |
| 2347  | 9639    | 14830  | 310419 | <a href="#">Silene Bruder S Sarmiento</a>           |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>amido   modificação   processos   biofilmes  | 23      | 16          | 0.696               | 38        | 22          | 0.579               | 1772     | 663         | 0.374               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2348  | 9640    | 14831  | 310425 | <a href="#">Denise C Fernandes</a>                        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Biological Science</a><br>sinalização redox   bioquímica  | 23      | 17          | 0.739               | 32        | 25          | 0.781               | 1772     | 789         | 0.445               |
| 43  | 9641    | 14832  | 310429 | <a href="#">Márcia Maria Dos Santos Bortolocci Espejo</a> |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Business &amp; Management / Business Administration</a><br>controle gerencial   ensino e pesquisa em contabilidade   competitividade no agronegócio        | 23      | 16          | 0.696               | 52        | 37          | 0.712               | 1771     | 922         | 0.521               |
| 44  | 9642    | 14833  | 310431 | <a href="#">Antonio Sergio Varela Junior</a>              |  Brazil   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Reprodução Animal   | 23      | 19          | 0.826               | 48        | 40          | 0.833               | 1771     | 1290        | 0.728               |
| 34  | 9643    | 14834  | 310432 | <a href="#">Sandro Navickiene</a>                         |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Pesticidas   Separação   Cromatografia   Desenvolvimento de método para determinação de resíduos de pesticidas | 23      | 14          | 0.609               | 48        | 21          | 0.438               | 1771     | 666         | 0.376               |
| 623   | 9644    | 14836  | 310451 | <a href="#">Gelson Luis Adabo</a>                         |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Engineering &amp; Technology / Metallurgical &amp; Materials Engineering</a><br>materiais odontológicos   prótese dentária   ciência dos materiais         | 23      | 16          | 0.696               | 40        | 25          | 0.625               | 1770     | 773         | 0.437               |
| 187   | 9645    | 14837  | 310479 | <a href="#">Julia Nogueira</a>                            |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Education / Education</a><br>Educação Física   Saúde Coletiva  | 23      | 17          | 0.739               | 36        | 26          | 0.722               | 1768     | 1053        | 0.596               |
| 8   | 9646    | 14839  | 310530 | <a href="#">Marco Bonomo</a>                              |  Brazil   | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>                  | <a href="#">Economics &amp; Econometrics / Economics</a><br>macroeconomia   finanças   economia política   | 23      | 9           | 0.391               | 36        | 9           | 0.250               | 1765     | 437         | 0.248               |
| 2349  | 9647    | 14843  | 310562 | <a href="#">Renata Bichir</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Social Sciences / Political Science</a><br>políticas públicas  | 23      | 15          | 0.652               | 44        | 25          | 0.568               | 1763     | 690         | 0.391               |
| 44  | 9648    | 14844  | 310573 | <a href="#">Luiz Eduardo Roland Tavares</a>               |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>             | <a href="#">Natural Sciences / Biological Science</a><br>Parasitologia   Ecologia de comunidades parasitárias   Taxonomia  | 23      | 15          | 0.652               | 55        | 28          | 0.509               | 1762     | 906         | 0.514               |
| 19  | 9649    | 14845  | 310577 | <a href="#">Sérgio Pezzin</a>                             |  Brazil  | <a href="#">Universidade do Estado de Santa Catarina UDESC</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>físico-química   química de materiais   polímeros   compósitos   | 23      | 15          | 0.652               | 40        | 24          | 0.600               | 1762     | 811         | 0.460               |
| 239   | 9650    | 14846  | 310587 | <a href="#">Jurandy Almeida</a>                           |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Databases   Image Processing   Computer Vision   Information Retrieval                              | 23      | 13          | 0.565               | 49        | 25          | 0.510               | 1761     | 777         | 0.441               |
| 624   | 9651    | 14848  | 310611 | <a href="#">Luis Artur Loyola Chardulo</a>                |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Ciência do tecido muscular esquelético de bovinos e equinos   Ciência da carne   Bioquímica da carne     | 23      | 19          | 0.826               | 50        | 31          | 0.620               | 1759     | 987         | 0.561               |
| 108   | 9652    | 14853  | 310671 | <a href="#">José Carlos Merino Mombach</a>                |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Brazil</a><br>Bioinformatics   biophysics   computational physics  | 23      | 14          | 0.609               | 41        | 23          | 0.561               | 1756     | 529         | 0.301               |
| 635   | 9653    | 14855  | 310702 | <a href="#">Gabriel Hessel</a>                            |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   | 23      | 14          | 0.609               | 43        | 17          | 0.395               | 1754     | 621         | 0.354               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 9654    | 14856  | 310717 | <a href="#">Vando Edésio Soares</a>            |  Brazil   | <a href="#">Universidade Brasil</a>                         | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Produção Animal   Parasitologia   Estatística   | 23      | 15          | 0.652               | 53        | 29          | 0.547               | 1753     | 837         | 0.477               |
| 213   | 9655    | 14860  | 310784 | <a href="#">Marcia Bh Mantelli</a>             |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Tubos de calor   termossifões   Controle Térmico de Componentes Eletrônicos   Trocadores de Calor Compactos       | 23      | 18          | 0.783               | 58        | 42          | 0.724               | 1750     | 1068        | 0.610               |
| 127   | 9656    | 14863  | 310815 | <a href="#">Rosilene Fressatti Cardoso</a>     |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Medical and Health Sciences / Bacteriology</a><br>Tuberculose   Resistência   Biologia Molecular   Epidemiologia   Bombas de efluxo  | 23      | 19          | 0.826               | 56        | 44          | 0.786               | 1748     | 1090        | 0.624               |
| 128   | 9657    | 14866  | 310866 | <a href="#">Ana Maria Sell</a>                 |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Medical and Health Sciences / Immunology</a><br>Imunologia   | 23      | 16          | 0.696               | 55        | 36          | 0.655               | 1745     | 948         | 0.543               |
| 188   | 9658    | 14867  | 310869 | <a href="#">Everton Nunes Da Silva</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                | <a href="#">Economics &amp; Econometrics / Economics</a><br>Health Economics   Public Health   | 23      | 21          | 0.913               | 45        | 37          | 0.822               | 1745     | 1347        | 0.772               |
| 8   | 9659    | 14868  | 310883 | <a href="#">Ana Claudia Dantas De Medeiros</a> |  Brazil   | <a href="#">Universidade Estadual da Paraíba UEPB</a>       | Desenvolvimento e ensaios de medicamentos   Controle de qualidade de medicamentos   produtos naturais   medicamentos fitoterápicos   | 23      | 15          | 0.652               | 53        | 33          | 0.623               | 1744     | 877         | 0.503               |
| 225   | 9660    | 14869  | 310892 | <a href="#">Steel Silva Vasconcelos</a>        |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Natural Sciences / Biological Science</a><br>Ecologia de ecossistemas  | 23      | 17          | 0.739               | 35        | 24          | 0.686               | 1744     | 1115        | 0.639               |
| 157   | 9661    | 14870  | 310895 | <a href="#">Elisane Longhinotti</a>            |  Brazil   | <a href="#">Universidade Federal do Ceará</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química  | 23      | 17          | 0.739               | 33        | 24          | 0.727               | 1744     | 767         | 0.440               |
| 50  | 9662    | 14871  | 310911 | <a href="#">Kyria Finardi</a>                  |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>      | <a href="#">Social Sciences / Linguistics and Literature</a><br>Applied Linguistics and Education  | 23      | 20          | 0.870               | 56        | 40          | 0.714               | 1742     | 1298        | 0.745               |
| 636   | 9663    | 14873  | 310934 | <a href="#">Regina Maura Bueno Franco</a>      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   Parasitologia aplicada a área de saneamento  | 23      | 17          | 0.739               | 41        | 27          | 0.659               | 1741     | 851         | 0.489               |
| 2350  | 9664    | 14874  | 310945 | <a href="#">Roberto Marx</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Industrial &amp; Manufacturing Engineering</a><br>Projeto Organizacional   Gestão da Inovação   Novas Tecnologias e Gestão na Cadeia Automotiva | 23      | 11          | 0.478               | 45        | 12          | 0.267               | 1740     | 441         | 0.253               |
| 2351  | 9665    | 14876  | 310976 | <a href="#">Carla C Oliveira</a>               |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Molecular Biology   | 23      | 13          | 0.565               | 33        | 15          | 0.455               | 1739     | 427         | 0.246               |
| 214   | 9666    | 14878  | 311002 | <a href="#">Leonardo Rubi Rôrig</a>            |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | <a href="#">Natural Sciences / Biological Science</a><br>Algal Biotechnology   Biological Oceanography   Bioremediation and ecotoxicology   ecology of sandy beaches   Phytoplankton       | 23      | 15          | 0.652               | 43        | 21          | 0.488               | 1737     | 754         | 0.434               |
| 2352  | 9667    | 14879  | 311012 | <a href="#">Aline Cristina Martins Gratão</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Geriatrics</a><br>Saúde  | 23      | 20          | 0.870               | 34        | 29          | 0.853               | 1737     | 1211        | 0.697               |
| 2353  | 9668    | 14880  | 311021 | <a href="#">Antonio Augusto Coppi</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Anatomia   Histologia   Estereologia   Fisiologia   Estatística   | 23      | 13          | 0.565               | 52        | 18          | 0.346               | 1736     | 612         | 0.353               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2354  | 9669    | 14882  | 311035 | <a href="#">Ana Claudia Balieiro Lodi</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Education / Education</a><br>Educação bilingüe para surdos   Língua brasileira de sinais   Bakhtin   | 23      | 15          | 0.652               | 36        | 20          | 0.556               | 1736     | 797         | 0.459               |
| 87  | 9670    | 14884  | 311038 | <a href="#">Cristiane Furini</a>                    |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a>    | <a href="#">MediciPUCRS</a><br>Memória   neurociências   | 23      | 20          | 0.870               | 28        | 27          | 0.964               | 1736     | 1092        | 0.629               |
| 11  | 9671    | 14885  | 311041 | <a href="#">Kátia Aparecida De Pinho Costa</a>      |  Brazil   | <a href="#">Instituto Federal Goiano</a>                                       | <a href="#">Pesquisadora</a><br>Forragicultura e Pastagens   | 23      | 15          | 0.652               | 49        | 29          | 0.592               | 1735     | 930         | 0.536               |
| 2355  | 9672    | 14886  | 311043 | <a href="#">Érika Arantes De Oliveira Cardoso</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Social Sciences / Psychology</a><br>Psicologia   | 23      | 15          | 0.652               | 48        | 26          | 0.542               | 1735     | 873         | 0.503               |
| 637   | 9673    | 14887  | 311047 | <a href="#">Renato Barroso</a>                      |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                      | <a href="#">Medical and Health Sciences / Sport Science</a>  | 23      | 18          | 0.783               | 37        | 31          | 0.838               | 1735     | 971         | 0.560               |
| 625   | 9674    | 14888  | 311074 | <a href="#">Sandra De Moraes Gimenes Bosco</a>      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>         | <a href="#">Medical and Health Sciences / Microbiology</a><br>micologia   micologia médica animal e humana   biologia molecular de fungos   proteômica de fungos                     | 23      | 15          | 0.652               | 38        | 26          | 0.684               | 1733     | 749         | 0.432               |
| 45  | 9675    | 14891  | 311097 | <a href="#">Fernanda Rodrigues Garcez</a>           |  Brazil   | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de Produtos Naturais   Estudo químico biomonitorado de plantas   Elucidação estrutural de metabólitos secundários ve | 23      | 13          | 0.565               | 54        | 24          | 0.444               | 1731     | 735         | 0.425               |
| 2356  | 9676    | 14892  | 311125 | <a href="#">Francisco Javier Hernandez Blazquez</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>histologia   imuno-histoquímica   comunicação celular   produção animal   | 23      | 11          | 0.478               | 39        | 14          | 0.359               | 1730     | 460         | 0.266               |
| 12  | 9677    | 14893  | 311133 | <a href="#">Gustavo Gonzaga Henry Silva</a>         |  Brazil  | <a href="#">Universidade Federal Rural do Semi-Árido UFRSA</a>                 | <a href="#">RuralSemiÁrido</a><br>Limnology   Aquaculture   Aquatic Macrophytes  | 23      | 13          | 0.565               | 41        | 23          | 0.561               | 1729     | 763         | 0.441               |
| 12  | 9678    | 14894  | 311143 | <a href="#">Alexandre Sylvio Vieira Da Costa</a>    |  Brazil | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">meioambienteereshídricos</a><br>meio ambiente   recursos hídricos   química e fertilidade dos solos   produção vegetal   | 23      | 10          | 0.435               | 48        | 11          | 0.229               | 1728     | 518         | 0.300               |
| 372   | 9679    | 14897  | 311163 | <a href="#">Jane Correa</a>                         |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                         | <a href="#">Social Sciences / Psychology</a><br>leitura   escrita   dificuldades de aprendizagem   alfabetização   conceitos matemáticos   | 23      | 11          | 0.478               | 51        | 14          | 0.275               | 1727     | 470         | 0.272               |
| 240   | 9680    | 14898  | 311172 | <a href="#">Ricardo Torquato</a>                    |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                      | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biologia Estrutural   Química   | 23      | 14          | 0.609               | 40        | 22          | 0.550               | 1727     | 785         | 0.455               |
| 2357  | 9681    | 14900  | 311186 | <a href="#">Denise Dias Barros</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Social Sciences / Regional Studies</a><br>African Studies   Anthology   Art   Social Occupational Therapy  | 23      | 15          | 0.652               | 37        | 23          | 0.622               | 1726     | 695         | 0.403               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 359   | 9682    | 14901  | 311190 | <a href="#">Adriana Simon Coitinho</a>          |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">ImunologiRioGrandeSul</a><br>Neuroimunologia   Neurociências   Epilepsia   Inflamação   | 23      | 14          | 0.609               | 34        | 19          | 0.559               | 1726     | 529         | 0.306               |
| 13  | 9683    | 14902  | 311191 | <a href="#">Flávio De Castro Magalhães</a>      |  Brazil   | <a href="#">Universidade Federal dos Vales do Jequitinhonha e Mucuri UFVJM</a> | <a href="#">ExercícioFísicoeGruposEspeciaisValesâ€</a><br>daibetes   hipretensão   obesidade   biologia molecular e exercício físico                                | 23      | 18          | 0.783               | 32        | 27          | 0.844               | 1726     | 928         | 0.538               |
| 85  | 9684    | 14904  | 311201 | <a href="#">José Firmino Nogueira Neto</a>      |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>                  | <a href="#">Social Sciences / Journalism and Media</a><br>Análises Clínicas / Patologia Clínica   | 23      | 17          | 0.739               | 37        | 32          | 0.865               | 1725     | 786         | 0.456               |
| 215   | 9685    | 14905  | 311214 | <a href="#">Luciano Vitali</a>                  |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                    | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 23      | 20          | 0.870               | 51        | 47          | 0.922               | 1724     | 1386        | 0.804               |
| 2358  | 9686    | 14906  | 311224 | <a href="#">Maria Angela T Adorno</a>           |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry   Wastewater Treatment   | 23      | 20          | 0.870               | 33        | 25          | 0.758               | 1724     | 1037        | 0.602               |
| 1   | 9687    | 14908  | 311272 | <a href="#">Alexander Cardoso</a>               |  Brazil   | <a href="#">Centro Universitario Estadual da Zona Oeste</a>                    | <a href="#">UEZORio JaneiroBrazil</a><br>Microbial diversity   Metagenomics   Biotechnology   | 23      | 14          | 0.609               | 31        | 21          | 0.677               | 1721     | 631         | 0.367               |
| 153   | 9688    | 14911  | 311337 | <a href="#">Alexssandro Geferson Becker</a>     |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                                 | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia e Bioquímica Animal Comparada   Aquacultura   Regulação endócrina   Osmorregulação           | 23      | 17          | 0.739               | 35        | 23          | 0.657               | 1717     | 889         | 0.518               |
| 39  | 9689    | 14913  | 311347 | <a href="#">Douglas Wegner</a>                  |  Brazil   | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a>                 | <a href="#">Unisinos</a><br>Cooperation   Interorganizational Relations   Strategy  | 23      | 18          | 0.783               | 54        | 36          | 0.667               | 1716     | 1000        | 0.583               |
| 226   | 9690    | 14914  | 311464 | <a href="#">Karina Maria Olbrich Dos Santos</a> |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>                    | <a href="#">Pesquisador, Embrapa</a>  | 23      | 19          | 0.826               | 35        | 28          | 0.800               | 1709     | 1240        | 0.726               |
| 118   | 9691    | 14915  | 311471 | <a href="#">José Marcos De Castro Nunes</a>     |  Brazil | <a href="#">Universidade Federal da Bahia</a>                                  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genômica   Algas Marinhas   Filogenia   Microalgas marinhas                                  | 23      | 16          | 0.696               | 53        | 23          | 0.434               | 1708     | 960         | 0.562               |
| 360   | 9692    | 14916  | 311492 | <a href="#">Milton De Souza Mendonça Jr</a>     |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>                | <a href="#">Natural Sciences / Biological Science</a><br>invertebrate ecology   insect taxonomy   interaction networks   plant-herbivore interaction   astrobiology | 23      | 16          | 0.696               | 51        | 35          | 0.686               | 1707     | 942         | 0.552               |
| 2359  | 9693    | 14917  | 311506 | <a href="#">Renato Tinós</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                  | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Evolutionary Computation   Artificial Intelligence   | 23      | 16          | 0.696               | 48        | 23          | 0.479               | 1706     | 701         | 0.411               |
| 46  | 9694    | 14918  | 311508 | <a href="#">Ernesto Antonio Figueiró Filho</a>  |  Brazil | <a href="#">Universidade Federal de Mato Grosso do Sul</a>                     | <a href="#">MedicinUniversidMatoGrossodoSul</a><br>Maternal-Fetal Medicine  | 23      | 14          | 0.609               | 41        | 18          | 0.439               | 1706     | 689         | 0.404               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 26  | 9695    | 14922  | 311523 | <a href="#">Francisco Serbena</a>                   |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>     |   | 23      | 17          | 0.739               | 44        | 30          | 0.682               | 1705     | 933         | 0.547               |
| 216   | 9696    | 14924  | 311532 | <a href="#">Giovanna Medeiros Rataichesk Fiates</a> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>    | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition   Food Choices   Consumer Behavior   Qualitative Research Methods   Food Labelling | 23      | 16          | 0.696               | 34        | 30          | 0.882               | 1705     | 924         | 0.542               |
| 9   | 9697    | 14926  | 311543 | <a href="#">Milena Pereira Pondé</a>                |  Brazil   | <a href="#">Escola Bahiana de Medicina e Saúde Pública</a>     | <a href="#">BAHIANAMedicSaúPública</a><br>autismo   psiquiatria   diagnóstico   | 23      | 16          | 0.696               | 33        | 19          | 0.576               | 1704     | 812         | 0.477               |
| 189   | 9698    | 14927  | 311555 | <a href="#">Maria Lucrecia Gerosa Ramos</a>         |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                   | <a href="#">UniversidaBrasília</a><br>solos   fisiologia e bioquímica de plantas  | 23      | 15          | 0.652               | 46        | 25          | 0.543               | 1703     | 742         | 0.436               |
| 175   | 9699    | 14929  | 311599 | <a href="#">Nelson Da Mascarenhas</a>               |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>             | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Processamento Digital de Imagens   Reconhecimento de Padrões                                       | 23      | 10          | 0.435               | 50        | 10          | 0.200               | 1700     | 396         | 0.233               |
| 21  | 9700    | 14930  | 311600 | <a href="#">Maria Freire</a>                        |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a> | <a href="#">Agriculture &amp; Forestry / Soil Sciences and Plant Nutrition</a><br>Salinity   degraded soils   phytoremediation  | 23      | 15          | 0.652               | 48        | 27          | 0.563               | 1700     | 727         | 0.428               |
| 11  | 9701    | 14933  | 311651 | <a href="#">Jorge Luiz Da Silva</a>                 |  Brazil   | <a href="#">Universidade de Franca UNIFRAN</a>                 | <a href="#">Franca</a><br>Saúde na Escola   Violência Escolar   Bullying  | 23      | 22          | 0.957               | 43        | 41          | 0.953               | 1697     | 1470        | 0.866               |
| 67  | 9702    | 14934  | 311660 | <a href="#">Gilberto Corso</a>                      |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>    | <a href="#">Natural Sciences / Physics</a><br>Physics   Seismics   ecology   neuroscience   | 23      | 16          | 0.696               | 57        | 27          | 0.474               | 1696     | 728         | 0.429               |
| 2360  | 9703    | 14935  | 311694 | <a href="#">Rossana Verónica Mendoza López</a>      |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   Bioestatística  | 23      | 20          | 0.870               | 42        | 37          | 0.881               | 1694     | 1291        | 0.762               |
| 15  | 9704    | 14937  | 311734 | <a href="#">Pedro Luiz Costa Cavalcante</a>         |  Brazil | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>       | <a href="#">Social Sciences / Political Science</a><br>administração pública   ciência política   políticas públicas  | 23      | 21          | 0.913               | 50        | 42          | 0.840               | 1691     | 1377        | 0.814               |
| 40  | 9705    | 14938  | 311735 | <a href="#">Larissa R Oliveira</a>                  |  Brazil | <a href="#">Universidade do Vale do Rio dos Sinos UNISINOS</a> | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>conservation genetics   marine mammals   mammals                                    | 23      | 17          | 0.739               | 50        | 33          | 0.660               | 1691     | 1037        | 0.613               |
| 19  | 9706    | 14939  | 311760 | <a href="#">Marcos Toebe</a>                        |  Brazil | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>         | <a href="#">Natural Sciences / Mathematics</a><br>Estatística   Experimentação Agrícola e Melhoramento Vegetal  | 23      | 16          | 0.696               | 54        | 35          | 0.648               | 1690     | 993         | 0.588               |
| 406   | 9707    | 14940  | 311762 | <a href="#">Dalton Fontes</a>                       |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>      | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Zootecnia  | 23      | 11          | 0.478               | 48        | 11          | 0.229               | 1690     | 471         | 0.279               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 120   | 9708    | 14941  | 311764 | <a href="#">Solange Artimos De Oliveira</a>   |  Brazil   | <a href="#">Universidade Federal Fluminense</a>  | <a href="#">universidadefederal</a><br>Doenças infecciosas e parasitárias   pediatria  | 23      | 13          | 0.565               | 47        | 17          | 0.362               | 1690     | 544         | 0.322               |
| 51  | 9709    | 14942  | 311767 | <a href="#">Galen M Sotkov</a>                |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>   | <a href="#">Natural Sciences / Physics</a><br>Conformal field theories   String theory   General relativity   Cosmology   AdS/CFT duality                                | 23      | 9           | 0.391               | 45        | 7           | 0.156               | 1690     | 200         | 0.118               |
| 22  | 9710    | 14945  | 311819 | <a href="#">Jairo Pinheiro Da Silva</a>       |  Brazil   | <a href="#">Universidade Federal Rural do Rio de Janeiro UFRRJ</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>biology   parasitology   comparative physiology   trematodes   nematodes  | 23      | 13          | 0.565               | 54        | 26          | 0.481               | 1687     | 773         | 0.458               |
| 2361  | 9711    | 14946  | 311846 | <a href="#">Andre Luiz Paranhos Perondini</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Citogenetica e Biologia Evolutiva de Insetos  | 23      | 12          | 0.522               | 43        | 15          | 0.349               | 1686     | 365         | 0.216               |
| 407   | 9712    | 14947  | 311877 | <a href="#">Paulo Sl Beirão</a>               |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Universidade Federal de Minas Gerais - UFMG</a>  | 23      | 12          | 0.522               | 35        | 15          | 0.429               | 1684     | 356         | 0.211               |
| 176   | 9713    | 14949  | 311893 | <a href="#">Auri Vincenzi</a>                 |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>   | <a href="#">SÃfoCarlos</a><br>Software Quality   Software Testing   Testing Tool   Static Analysis   | 23      | 10          | 0.435               | 40        | 10          | 0.250               | 1683     | 423         | 0.251               |
| 2362  | 9714    | 14951  | 311905 | <a href="#">Marcelo Tatit Sapienza</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Medical and Health Sciences / Nuclear Medicine</a><br>nuclear medicine   oncology   radionuclide therapy   internal dosimetry   positron emission tomography | 23      | 16          | 0.696               | 52        | 29          | 0.558               | 1682     | 850         | 0.505               |
| 41  | 9715    | 14952  | 311909 | <a href="#">Richard Saito</a>                 |  Brazil   | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getulio Vargas</a> | <a href="#">Professor, FGV</a><br>Financas   | 23      | 12          | 0.522               | 45        | 21          | 0.467               | 1682     | 581         | 0.345               |
| 1   | 9716    | 14953  | 311913 | <a href="#">Tadeu Luis Tiecher</a>            |  Brazil | <a href="#">Insituto Federal Farroupilha</a>   | Ciência do Solo  | 23      | 22          | 0.957               | 38        | 35          | 0.921               | 1682     | 1349        | 0.802               |
| 408   | 9717    | 14954  | 311914 | <a href="#">Christian Fernandes</a>           |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | Drug analysis   residues and contaminants in foods   sample preparation   chromatography   mass spectrometry   | 23      | 16          | 0.696               | 36        | 30          | 0.833               | 1682     | 1109        | 0.659               |
| 638   | 9718    | 14955  | 311917 | <a href="#">Zecchin KG</a>                    |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia molecular   reparo ósseo   morte celular   oncologia                                     | 23      | 13          | 0.565               | 28        | 17          | 0.607               | 1682     | 561         | 0.334               |
| 2363  | 9719    | 14956  | 311929 | <a href="#">Sergio Russo Matioli</a>          |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genetics and Evolutionary Biology   | 23      | 11          | 0.478               | 36        | 13          | 0.361               | 1681     | 348         | 0.207               |
| 102   | 9720    | 14958  | 311940 | <a href="#">Lucas Brandao</a>                 |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Medical and Health Sciences / Pathology</a><br>Genética   Imunologia   Patologia Molecular   | 23      | 15          | 0.652               | 41        | 23          | 0.561               | 1680     | 963         | 0.573               |

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| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 45  | 9721    | 14959  | 311945 | <a href="#">Jose H Muelbert</a>                                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande FURG</a>                | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Oceanografia Biológica   Interação Físico-Biológica no Plâncton   Observação dos Oceanos   Mudanças Climáticas   Zonas Cos  | 23      | 16          | 0.696               | 38        | 22          | 0.579               | 1680     | 774         | 0.461               |
| 2364  | 9722    | 14960  | 311954 | <a href="#">Ricardo Luiz Moro De Sousa</a>                      |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>virology   seroepidemiology and molecular epidemiology of viruses   molecular biology of microorganisms   immunological and molecular laboratory diagnostic methods for pathogenic bioagents | 23      | 15          | 0.652               | 47        | 28          | 0.596               | 1679     | 759         | 0.452               |
| 17  | 9723    | 14961  | 311958 | <a href="#">Maria Helena Pinto</a>                              |  <a href="#">Brazil</a>   | <a href="#">Faculdade de Medicina de São José do Rio Preto FAMERP</a>  | Enfermagem   oncologia  | 23      | 18          | 0.783               | 39        | 27          | 0.692               | 1679     | 848         | 0.505               |
| 626   | 9724    | 14963  | 311973 | <a href="#">Alan Rodrigo Panosso</a>                            |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomy   Soil Respiration   Geostatistics   | 23      | 16          | 0.696               | 50        | 32          | 0.640               | 1678     | 948         | 0.565               |
| 177   | 9725    | 14965  | 312011 | <a href="#">Roberto Grün</a>                                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                     | <a href="#">Social Sciences / Sociology</a><br>sociologia econômica   sociologia das finanças   sociologia dos debates   judios   conflitos geracionais   | 23      | 11          | 0.478               | 39        | 13          | 0.333               | 1677     | 387         | 0.231               |
| 154   | 9726    | 14966  | 312014 | <a href="#">Marcelo Kaminski Lenzi</a>                          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>modelagem   simulação e controle de processos   cálculo fracionário   polimerização  | 23      | 13          | 0.565               | 53        | 24          | 0.453               | 1676     | 682         | 0.407               |
| 639   | 9727    | 14967  | 312029 | <a href="#">Diego Muraca</a>                                    |  <a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>PHYSICS   CONDENSED MATTER   ELECTRON MICROSCOPY   MAGNETISM  | 23      | 19          | 0.826               | 50        | 42          | 0.840               | 1675     | 1169        | 0.698               |
| 627   | 9728    | 14968  | 312047 | <a href="#">Izabelle Auxiliadora Molina De Almeida Teixeira</a> |  <a href="#">Brazil</a>  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Nutrition   Dairy nutrition   Dairy sustainability   Efficiency   Nutrient utilization  | 23      | 13          | 0.565               | 51        | 25          | 0.490               | 1674     | 747         | 0.446               |
| 9   | 9729    | 14969  | 312054 | <a href="#">Andréia Machado Cardoso</a>                         |  <a href="#">Brazil</a> | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>             | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry   Molecular Biology   Oxidative Stress   Purinergic System   Cholinergic System  | 23      | 19          | 0.826               | 43        | 41          | 0.953               | 1674     | 1170        | 0.699               |
| 409   | 9730    | 14970  | 312056 | <a href="#">Edmar Avellar Soares</a>                            |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>surfaces and interfaces   topological insulators   graphene   electron diffraction  | 23      | 10          | 0.435               | 39        | 11          | 0.282               | 1674     | 565         | 0.338               |
| 410   | 9731    | 14971  | 312081 | <a href="#">Lucienir Duarte</a>                                 |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   | 23      | 15          | 0.652               | 60        | 31          | 0.517               | 1672     | 840         | 0.502               |
| 2365  | 9732    | 14972  | 312094 | <a href="#">Maria Cristina Nonato</a>                           |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">University of São Paulo</a>   | 23      | 17          | 0.739               | 45        | 34          | 0.756               | 1671     | 891         | 0.533               |
| 2366  | 9733    | 14973  | 312112 | <a href="#">Rames Mattar Junior</a>                             |  <a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Orthopedics and Traumatology</a><br>ortopedia   microcirurgia   cirurgia da mão   | 23      | 15          | 0.652               | 44        | 26          | 0.591               | 1670     | 714         | 0.428               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 129   | 9734    | 14975  | 312138 | <a href="#">Debora De Mello Gonçalves Sant Ana</a>   |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                         | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociência   Gastroenterologia   sistema nervoso autônomo   toxoplasmose   | 23      | 13          | 0.565               | 63        | 21          | 0.333               | 1668     | 622         | 0.373               |
| 22  | 9735    | 14976  | 312141 | <a href="#">Ribeiro MN</a>                           |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>           | <a href="#">Natural Sciences / Biological Science</a><br>Conservação de raças de animais domésticos   genética molecular   caprinos   melhoramento animal                          | 23      | 13          | 0.565               | 49        | 21          | 0.429               | 1668     | 710         | 0.426               |
| 32  | 9736    | 14977  | 312147 | <a href="#">Ulisses Xavier Da Silva Neto</a>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>         | <a href="#">Medical and Health Sciences / Dentistry</a><br>obturação dos canais radiculares   materiais obturadores   instrumentação dos canais radiculares   traumatismo dentário | 23      | 16          | 0.696               | 43        | 27          | 0.628               | 1668     | 860         | 0.516               |
| 2367  | 9737    | 14978  | 312160 | <a href="#">Luis Henrique Souza Guimarães</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Biotecnologia   Microbiologia   Fermentação  | 23      | 16          | 0.696               | 51        | 31          | 0.608               | 1667     | 802         | 0.481               |
| 2368  | 9738    | 14983  | 312208 | <a href="#">Fernando Pl Marques</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Biological Science</a><br>Sistemática   Biogeografia   Evolução   Helmintologia   | 23      | 12          | 0.522               | 46        | 16          | 0.348               | 1664     | 538         | 0.323               |
| 2369  | 9739    | 14984  | 312209 | <a href="#">Denise Selivon</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Evolutiva  | 23      | 12          | 0.522               | 42        | 18          | 0.429               | 1664     | 469         | 0.282               |
| 2370  | 9740    | 14985  | 312222 | <a href="#">Ana Lucia Alvares Capelozza</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiologia Odontológica   Radioproteção   Estomatologia   Imagem  | 23      | 15          | 0.652               | 44        | 21          | 0.477               | 1663     | 721         | 0.434               |
| 2   | 9741    | 14987  | 312228 | <a href="#">Márcio Antônio Fiori</a>                 |  Brazil   | <a href="#">Universidade Comunitaria da Região de Chapecó UNOCHAPECÓ</a> | <a href="#">Natural Sciences / Physics</a><br>Física da Matéria condensada   Engenharia Química e Engenharia de Materiais  | 23      | 18          | 0.783               | 37        | 32          | 0.865               | 1663     | 1329        | 0.799               |
| 373   | 9742    | 14988  | 312230 | <a href="#">Pablo Rodrigues Gonçalves</a>            |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                   | <a href="#">RioJaneiro</a><br>Mastozoologia   Mammalogy   systematics   biogeography   conservation  | 23      | 16          | 0.696               | 32        | 26          | 0.813               | 1663     | 726         | 0.437               |
| 1   | 9743    | 14990  | 312262 | <a href="#">Alejandra Hortencia Miranda González</a> |  Brazil | <a href="#">Universidade Anhanguera de São Paulo</a>                     | <a href="#">Universidade Anhanguera de São Paulo</a><br>Química   Cerâmicas   Biomateriais   Biotecnologia   | 23      | 10          | 0.435               | 51        | 13          | 0.255               | 1660     | 442         | 0.266               |
| 158   | 9744    | 14992  | 312279 | <a href="#">Antonio Marcos Bezerra</a>               |  Brazil | <a href="#">Universidade Federal do Ceará</a>                            |  | 23      | 13          | 0.565               | 46        | 24          | 0.522               | 1659     | 649         | 0.391               |
| 36  | 9745    | 14993  | 312285 | <a href="#">Nelia Ferreira Leite</a>                 |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>                | <a href="#">Pesquisador, Instituto Nacional de Pesquisas Espaciais</a><br>Física da Matéria Condensada   Fototérmica   Diamante Sintético  | 23      | 8           | 0.348               | 38        | 5           | 0.132               | 1659     | 212         | 0.128               |
| 2371  | 9746    | 14994  | 312298 | <a href="#">Guilherme Pugliesi</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            |  | 23      | 20          | 0.870               | 53        | 43          | 0.811               | 1658     | 1255        | 0.757               |
| 2372  | 9747    | 14996  | 312319 | <a href="#">Carlos Ernesto Garrido Salmon</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                            | <a href="#">Natural Sciences / Physics</a><br>Ressonância Magnética  | 23      | 20          | 0.870               | 42        | 33          | 0.786               | 1657     | 1251        | 0.755               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2373  | 9748    | 14997  | 312332 | <a href="#">Adriana Cristina Levada Pires</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Jov</a><br>imunologia   exercício físico   morte celular   diabetes   inflamação  | 23      | 16          | 0.696               | 27        | 21          | 0.778               | 1657     | 868         | 0.524               |
| 74  | 9749    | 14998  | 312360 | <a href="#">Renato S Carreira</a>               |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Marine Sciences   Organic Geochemistry   Environmental Chemistry   Chemical Oceanography        | 23      | 15          | 0.652               | 40        | 25          | 0.625               | 1655     | 773         | 0.467               |
| 103   | 9750    | 14999  | 312367 | <a href="#">Paulo Jorge Parreira Dos Santos</a> |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>                          | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Marine Biology   Meiofauna   Environmental impacts                    | 23      | 15          | 0.652               | 55        | 26          | 0.473               | 1654     | 676         | 0.409               |
| 88  | 9751    | 15000  | 312384 | <a href="#">Luiz Henrique Burnett Jr</a>        |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>odontologia  | 23      | 15          | 0.652               | 29        | 23          | 0.793               | 1654     | 676         | 0.409               |
| 20  | 9752    | 15001  | 312387 | <a href="#">Fabricio Eduardo Rossi</a>          |  Brazil   | <a href="#">Universidade Federal do Piauí</a>                               | <a href="#">Federal University of Piaui</a>   | 23      | 20          | 0.870               | 56        | 48          | 0.857               | 1653     | 1421        | 0.860               |
| 640   | 9753    | 15004  | 312415 | <a href="#">Luciana Asprino</a>                 |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">BucoMaxiloFacialOdontologiaaâ€</a><br>Cirurgia Buco-Maxilo-Facial   | 23      | 17          | 0.739               | 38        | 32          | 0.842               | 1652     | 834         | 0.505               |
| 628   | 9754    | 15007  | 312499 | <a href="#">Jorge Luis Akasaki</a>              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Engineering &amp; Technology / Civil Engineering</a><br>Materiais de Construção   Materiais Alternativos de Construção   Concreto   Cimento | 23      | 20          | 0.870               | 40        | 29          | 0.725               | 1646     | 1153        | 0.700               |
| 35  | 9755    | 15008  | 312503 | <a href="#">Ledjane Silva Barreto</a>           |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                         |   | 23      | 14          | 0.609               | 36        | 19          | 0.528               | 1646     | 736         | 0.447               |
| 411   | 9756    | 15009  | 312509 | <a href="#">Franco Noce</a>                     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Education / Education</a><br>Psicologia do Esporte   Psicobiologia   Esporte Paralímpico   Envelhecimento                                   | 23      | 15          | 0.652               | 49        | 25          | 0.510               | 1645     | 844         | 0.513               |
| 124   | 9757    | 15010  | 312514 | <a href="#">Artur Kanadani Campos</a>           |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>                          | <a href="#">Universidade Federal de Viçosa</a>  | 23      | 12          | 0.522               | 42        | 17          | 0.405               | 1645     | 643         | 0.391               |
| 119   | 9758    | 15011  | 312522 | <a href="#">Cid Jp Bastos</a>                   |  Brazil | <a href="#">Universidade Federal da Bahia</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Florística   Taxonomia   Filogenia e Biogeografia de Briófitas                                 | 23      | 12          | 0.522               | 58        | 22          | 0.379               | 1644     | 646         | 0.393               |
| 86  | 9759    | 15013  | 312546 | <a href="#">Marcelo Guimarães</a>               |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>               | <a href="#">Natural Sciences / Physics</a><br>Theoretical physics   Quantum Field Theory  | 23      | 13          | 0.565               | 54        | 23          | 0.426               | 1642     | 659         | 0.401               |
| 35  | 9760    | 15014  | 312547 | <a href="#">Myriam Delgado</a>                  |  Brazil | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>            | <a href="#">Technology</a><br>Natural Computing   Computational Intelligence   Fuzzy Systems   Optimizaton  | 23      | 13          | 0.565               | 48        | 17          | 0.354               | 1642     | 664         | 0.404               |



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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9   | 9761    | 15015  | 312554 | <a href="#">Ana Lúcia Bertarello Zeni</a>     |  Brazil   | Universidade Regional de Blumenau FURB                 | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Alimentos e plantas medicinais   Fitoquímica   Neurociências   | 23      | 20          | 0.870               | 38        | 31          | 0.816               | 1642     | 1195        | 0.728               |
| 68  | 9762    | 15016  | 312572 | <a href="#">Everton Cavalcante</a>            |  Brazil   | Universidade Federal do Rio Grande do Norte            | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Distributed Systems   Software Engineering  | 23      | 18          | 0.783               | 42        | 32          | 0.762               | 1641     | 1049        | 0.639               |
| 15  | 9763    | 15018  | 312592 | <a href="#">Marcelo Godinho</a>               |  Brazil   | Universidade de Caxias do Sul                          |  | 23      | 20          | 0.870               | 40        | 30          | 0.750               | 1640     | 1420        | 0.866               |
| 2374  | 9764    | 15019  | 312635 | <a href="#">Mathias Ahii Chia</a>             |  Brazil   | Universidade de São Paulo USP                          | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>Water quality   Algae   Cyanobacteria   Aquatic chemistry   Molecular ecology                    | 23      | 17          | 0.739               | 44        | 35          | 0.795               | 1637     | 1160        | 0.709               |
| 18  | 9765    | 15020  | 312643 | <a href="#">Caio Graco Machado</a>            |  Brazil   | Universidade Estadual de Feira de Santana UEFS         | <a href="#">Natural Sciences / Biological Science</a><br>Ornithology   Bird Ecology   Ornithophily   Pollination   | 23      | 17          | 0.739               | 36        | 23          | 0.639               | 1637     | 1007        | 0.615               |
| 629   | 9766    | 15023  | 312671 | <a href="#">Carolina Fernandes</a>            |  Brazil   | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Agrária e Veterinárias Câmpus Jaboticabal</a><br>Manejo do solo   Física do Solo   Conservação do Solo   | 23      | 14          | 0.609               | 47        | 27          | 0.574               | 1634     | 745         | 0.456               |
| 16  | 9767    | 15025  | 312679 | <a href="#">Leandro Lopes Loguercio</a>       |  Brazil   | Universidade Estadual de Santa Cruz UESC               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genética molecular e de micro-organismos   microbiologia aplicada e agrícola   ecologia de comunidades e populações | 23      | 16          | 0.696               | 32        | 19          | 0.594               | 1634     | 628         | 0.384               |
| 190   | 9768    | 15026  | 312685 | <a href="#">Valeska Zanello</a>               |  Brazil   | Universidade de Brasília UNB                           | <a href="#">Brasília</a><br>gênero   mulher   saúde mental   xingamento   violência  | 23      | 20          | 0.870               | 44        | 34          | 0.773               | 1633     | 1301        | 0.797               |
| 227   | 9769    | 15027  | 312698 | <a href="#">Oswaldo P De Melo Neto</a>        |  Brazil   | Fundação Oswaldo Cruz                                  | <a href="#">Instituto Aggeu Magalhães/FIOCRUZ</a>  | 23      | 18          | 0.783               | 39        | 31          | 0.795               | 1632     | 804         | 0.493               |
| 76  | 9770    | 15028  | 312699 | <a href="#">Miria Hespanhol Miranda Reis</a>  |  Brazil  | Universidade Federal de Uberlândia                     | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Membranas   biodiesel   hidrogênio   termodinâmica  | 23      | 19          | 0.826               | 37        | 29          | 0.784               | 1632     | 1005        | 0.616               |
| 3   | 9771    | 15029  | 312700 | <a href="#">Rafaela Simão Abrahão Nóbrega</a> |  Brazil | Universidade Federal do Recôncavo da Bahia UFRB        | <a href="#">RecÃ´ncavo Bahia</a><br>Microbiologia e Bioquímica do solo   Agroecologia  | 23      | 16          | 0.696               | 36        | 29          | 0.806               | 1632     | 798         | 0.489               |
| 2375  | 9772    | 15031  | 312704 | <a href="#">Saulo Dos Santos Gil</a>          |  Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia do exercício   efeito terapêutico do exercício   fisiologia muscular  | 23      | 21          | 0.913               | 28        | 26          | 0.929               | 1632     | 1277        | 0.782               |
| 2376  | 9773    | 15032  | 312710 | <a href="#">Marcos Perez Diaz</a>             |  Brazil | Universidade de São Paulo USP                          | <a href="#">Natural Sciences / Physics</a><br>ASTRONOMIA   ASTROFÍSICA   | 23      | 11          | 0.478               | 47        | 11          | 0.234               | 1631     | 419         | 0.257               |
| 241   | 9774    | 15033  | 312722 | <a href="#">Elisa Mieko Suemitsu Higa</a>     |  Brazil | Universidade Federal de São Paulo UNIFESP              | <a href="#">Medical and Health Sciences / Nephrology</a><br>Medicina   Nefrologia   Diabetes   Hipertensão   | 23      | 15          | 0.652               | 35        | 24          | 0.686               | 1631     | 683         | 0.419               |
| 2377  | 9775    | 15034  | 312743 | <a href="#">Alessandra Giannella Samelli</a>  |  Brazil | Universidade de São Paulo USP                          | <a href="#">Medical and Health Sciences / Audiology and Speech Pathology</a><br>Audiology   Noise   Hearing Loss   Prevention of hearing loss  | 23      | 15          | 0.652               | 46        | 30          | 0.652               | 1629     | 932         | 0.572               |

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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 217   | 9776    | 15035  | 312745 | <a href="#">Cledimar Rogério Lourenzi</a>         |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Natural Sciences / Chemical Sciences</a>  | 23      | 21          | 0.913               | 43        | 35          | 0.814               | 1629     | 1091        | 0.670               |
| 2378  | 9777    | 15036  | 312753 | <a href="#">Fritz Huquenin</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>eletroquímica   ciência dos materiais   físico-química  | 23      | 10          | 0.435               | 37        | 10          | 0.270               | 1629     | 332         | 0.204               |
| 120   | 9778    | 15037  | 312755 | <a href="#">Sandro Cabral</a>                     |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                 | <a href="#">Business &amp; Management / Public Administration</a><br>Public-private partnerships   strategy and public services   public service performance          | 23      | 20          | 0.870               | 36        | 26          | 0.722               | 1629     | 1033        | 0.634               |
| 87  | 9779    | 15038  | 312758 | <a href="#">Luciana Moura Sassone</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>endodontia   microbiologia   biologia molecular  | 23      | 19          | 0.826               | 30        | 27          | 0.900               | 1629     | 916         | 0.562               |
| 1   | 9780    | 15039  | 312792 | <a href="#">Thiago Christiano Silva</a>           |  Brazil   | <a href="#">Banco Central do Brasil</a>                       | <a href="#">Central Bank of Brazil &amp; Universidade Católica de Brasília</a><br>Machine Learning   Complex Networks   Systemic Risk   Financial Stability   Finance | 23      | 21          | 0.913               | 36        | 28          | 0.778               | 1626     | 1205        | 0.741               |
| 1   | 9781    | 15040  | 312794 | <a href="#">Francischetti Ea</a>                  |  Brazil   | <a href="#">Universidade Unigranrio</a>                       | <a href="#">ProRectoryandPostGraduationUnigranrioDuqueCaxiasRJâ€¦</a><br>Cardiometabolic Risk Factors First interest   Medical EducationSecond interest               | 23      | 12          | 0.522               | 35        | 15          | 0.429               | 1626     | 360         | 0.221               |
| 412   | 9782    | 15041  | 312797 | <a href="#">Renata Diniz</a>                      |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Cristalografia estrutural   | 23      | 15          | 0.652               | 58        | 28          | 0.483               | 1625     | 808         | 0.497               |
| 2379  | 9783    | 15043  | 312838 | <a href="#">Fabiana Fernandes Bressan</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Biological Science</a><br>Developmental biology   stem cells   gene editing   epigenetics  | 23      | 18          | 0.783               | 46        | 30          | 0.652               | 1623     | 987         | 0.608               |
| 27  | 9784    | 15045  | 312858 | <a href="#">Vanessa Urban</a>                     |  Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>    | <a href="#">Medical and Health Sciences / Dentistry</a>   | 23      | 19          | 0.826               | 37        | 30          | 0.811               | 1622     | 947         | 0.584               |
| 242   | 9785    | 15047  | 312876 | <a href="#">Mônica Antar Gamba</a>                |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>     | <a href="#">Medical and Health Sciences / Nursing and Midwifery</a><br>Nursing   Public Health   Epidemiology   Hansenology   Diabetic Foot Care.                     | 23      | 16          | 0.696               | 39        | 24          | 0.615               | 1621     | 757         | 0.467               |
| 52  | 9786    | 15048  | 312897 | <a href="#">Antonio Alberto Ribeiro Fernandes</a> |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>        | <a href="#">Natural Sciences / Biological Science</a><br>Biotecnologia  | 23      | 16          | 0.696               | 49        | 27          | 0.551               | 1619     | 794         | 0.490               |
| 4   | 9787    | 15050  | 312901 | <a href="#">Maíra Prado</a>                       |  Brazil | <a href="#">Universidade Veiga de Almeida</a>                 | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia  | 23      | 19          | 0.826               | 36        | 32          | 0.889               | 1619     | 1001        | 0.618               |
| 2380  | 9788    | 15051  | 312912 | <a href="#">Juliana De Leme</a>                   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Engineering &amp; Technology / Earth Sciences</a>   | 23      | 14          | 0.609               | 45        | 27          | 0.600               | 1618     | 750         | 0.464               |
| 22  | 9789    | 15053  | 312949 | <a href="#">Glauber T Silva</a>                   |  Brazil | <a href="#">Universidade Federal de Alagoas</a>               | <a href="#">Natural Sciences / Physics</a><br>Physical Acoustics   Acoustofluidics   Ultrasonics  | 23      | 16          | 0.696               | 41        | 25          | 0.610               | 1616     | 776         | 0.480               |
| 2381  | 9790    | 15054  | 312955 | <a href="#">Antonio Augusto Mendes Maia</a>       |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Parasitology</a><br>Parasitologia   imunologia   biologia molecular   peixes  | 23      | 19          | 0.826               | 49        | 35          | 0.714               | 1615     | 863         | 0.534               |

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| University  | Country | Region | World  | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 37  | 9791    | 15055  | 312956 | <a href="#">Carlos R Ruiz Miranda</a>   |    | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Animal Behavior and Conservation Biology   | 23      | 15          | 0.652               | 49        | 29          | 0.592               | 1615     | 797         | 0.493               |
| 53  | 9792    | 15056  | 312970 | <a href="#">Jones Bernardes</a>   |    | <a href="#">Universidade Federal do Espírito Santo</a>                  | <a href="#">Medical and Health Sciences / Physiology</a><br>Fisiologia Geral   Endocrinologia   Reprodução  | 23      | 19          | 0.826               | 49        | 42          | 0.857               | 1614     | 1242        | 0.770               |
| 641   | 9793    | 15057  | 312983 | <a href="#">Oswaldir P Taranto</a>  |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Engineering &amp; Technology / Chemical Engineering</a>   | 23      | 18          | 0.783               | 51        | 35          | 0.686               | 1613     | 1009        | 0.626               |
| 1   | 9794    | 15059  | 313003 | <a href="#">Eduardo Algranti</a>  |    | <a href="#">Fundacentro</a>   | <a href="#">Diretoria de Pesquisa Aplicada/FUNDACENTRO</a><br>doenças respiratórias ocupacionais   epidemiologia clínica  | 23      | 12          | 0.522               | 44        | 18          | 0.409               | 1612     | 706         | 0.438               |
| 228   | 9795    | 15060  | 313008 | <a href="#">Andrea Henriques Pons</a>   |    | <a href="#">Fundação Oswaldo Cruz</a>                                   | <a href="#">Fundação Oswaldo Cruz</a><br>imunologia   inflamação   citometria de fluxo   linfócitos T   | 23      | 14          | 0.609               | 37        | 22          | 0.595               | 1612     | 602         | 0.373               |
| 229   | 9796    | 15061  | 313011 | <a href="#">Clarissa Araújo Gurgel Rocha, Clarissa Araujo, Gurgel-Rocha, Clarissa</a> |    | <a href="#">Fundação Oswaldo Cruz</a>                                   | <a href="#">Fundação Oswaldo Cruz</a><br>Patologia Molecular   Oncobiologia   | 23      | 18          | 0.783               | 57        | 36          | 0.632               | 1611     | 993         | 0.616               |
| 36  | 9797    | 15062  | 313021 | <a href="#">Felipe De Almeida La Porta</a>  |    | <a href="#">Universidade Tecnológica Federal do Paraná UTFPR</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   Química Teórica   Ciência dos Materiais   Luminescência   Catálise  | 23      | 20          | 0.870               | 41        | 39          | 0.951               | 1611     | 1178        | 0.731               |
| 630   | 9798    | 15065  | 313051 | <a href="#">Beatriz Stringhetti Ferreira Cury</a>                                     |  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">do</a>  | 23      | 20          | 0.870               | 32        | 28          | 0.875               | 1609     | 1255        | 0.780               |
| 243   | 9799    | 15066  | 313054 | <a href="#">Ruth Ester Assayag Batista</a>  |  | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | Enfermagem  | 23      | 19          | 0.826               | 58        | 50          | 0.862               | 1608     | 1291        | 0.803               |
| 36  | 9800    | 15068  | 313076 | <a href="#">José Gerivaldo Dos Santos Duque</a>                                       |  | <a href="#">Universidade Federal de Sergipe UFS</a>                     | <a href="#">Natural Sciences / Physics</a><br>Magnetismo  | 23      | 17          | 0.739               | 47        | 26          | 0.553               | 1606     | 689         | 0.429               |
| 3   | 9801    | 15069  | 313077 | <a href="#">Fernando Galdi</a>  |  | <a href="#">FUCAPE Business School</a>                                  | <a href="#">Business &amp; Management / Business Administration</a><br>Equity Valuation   Financial Reporting   Financial Instruments & Hedge Accounting   Financial Institutions   Capital Markets | 23      | 16          | 0.696               | 44        | 25          | 0.568               | 1606     | 744         | 0.463               |
| 16  | 9802    | 15070  | 313090 | <a href="#">Danyelle Romana Rios</a>  |  | <a href="#">Universidade Federal de São João del Rei UFSJ</a>           | <a href="#">Medical and Health Sciences / Hematology</a><br>Hematologia   Hemostasia   Inflamação   Doença renal crônica  | 23      | 19          | 0.826               | 38        | 24          | 0.632               | 1605     | 994         | 0.619               |

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|---|---------|--------|--------|--|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 130   | 9803    | 15071  | 313106 | <a href="#">Caliane Bastos Borba Costa</a>       |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>   | <a href="#">UEM - State University of Maringá</a>  | 23      | 20          | 0.870               | 39        | 29          | 0.744               | 1604     | 1086        | 0.677               |
| 104   | 9804    | 15072  | 313113 | <a href="#">Caroline Maria De Miranda Mota</a>   |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>   | <a href="#">Business &amp; Management / Business Administration</a><br>Multicriteria Decision Analysis   Project Management                              | 23      | 19          | 0.826               | 33        | 31          | 0.939               | 1604     | 935         | 0.583               |
| 37  | 9805    | 15073  | 313120 | <a href="#">Clezio Marcos De Nardin</a>          |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>  | <a href="#">Instituto Nacional de Pesquisas Espaciais</a><br>Equatorial Aeronomy   Ionospheric Radars   Earth Magnetic Field                             | 23      | 16          | 0.696               | 50        | 28          | 0.560               | 1603     | 966         | 0.603               |
| 18  | 9806    | 15074  | 313139 | <a href="#">Paulo Cesar Venere</a>               |  Brazil   | <a href="#">Universidade Federal de Mato Grosso</a>  | <a href="#">Natural Sciences / Biological Science</a><br>citogenética e genética animal.   | 23      | 13          | 0.565               | 44        | 19          | 0.432               | 1602     | 495         | 0.309               |
| 5   | 9807    | 15077  | 313178 | <a href="#">Luís Cláudio Nascimento Da Silva</a> |  Brazil   | <a href="#">Universidade Ceuma</a>   | <a href="#">Ceuma</a><br>Natural products   Lectins   Plant Lectins   antimicrobial compounds   immunomodulation.  | 23      | 19          | 0.826               | 51        | 45          | 0.882               | 1599     | 1301        | 0.814               |
| 631   | 9808    | 15079  | 313198 | <a href="#">Maria Aparecida Mauro</a>            |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>                           |  | 23      | 20          | 0.870               | 36        | 28          | 0.778               | 1598     | 960         | 0.601               |
| 13  | 9809    | 15080  | 313200 | <a href="#">Marcelo De Paula Corrêa</a>          |  Brazil   | <a href="#">Universidade Federal de Itajubá UNIFEI</a>   | ultraviolet radiation   skin cancer   exposome   human health   climate change   | 23      | 16          | 0.696               | 35        | 26          | 0.743               | 1598     | 851         | 0.533               |
| 42  | 9810    | 15082  | 313211 | <a href="#">Weeberb J. Réquia</a>                |  Brazil  | <a href="#">Escola Brasileira de Administração Pública e de Empresas Fundação Getúlio Vargas</a> | <a href="#">Assistant Professor, Fundação Getúlio Vargas</a><br>Air pollution   Green spaces   Built environment   Environmental health   Spatial models | 23      | 22          | 0.957               | 40        | 37          | 0.925               | 1597     | 1514        | 0.948               |
| 218   | 9811    | 15083  | 313214 | <a href="#">Juliano Dal Pupo</a>                 |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                                      | <a href="#">Education / Education</a><br>educação física   esportes  | 23      | 20          | 0.870               | 34        | 31          | 0.912               | 1597     | 1106        | 0.693               |
| 642   | 9812    | 15084  | 313219 | <a href="#">Caria PH</a>                         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Anatomy</a><br>Bone regeneration   Facial Aesthetics   | 23      | 16          | 0.696               | 44        | 27          | 0.614               | 1596     | 756         | 0.474               |
| 77  | 9813    | 15086  | 313228 | <a href="#">Kátia Gomes Facure</a>               |  Brazil | <a href="#">Universidade Federal de Uberlândia</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Mammalia   Carnivora  | 23      | 14          | 0.609               | 34        | 23          | 0.676               | 1596     | 536         | 0.336               |
| 2382  | 9814    | 15087  | 313268 | <a href="#">Cláudia Inês Da Silva</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Conservation   Palynology   Bees   Pollinators  | 23      | 18          | 0.783               | 37        | 30          | 0.811               | 1593     | 1016        | 0.638               |



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| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 33  | 9815    | 15088  | 313297 | <a href="#">Everdan Carneiro</a>                |  Brazil   | <a href="#">Pontificia Universidade Católica do Paraná PUCPR</a>            | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia   Odontologia   | 23      | 16          | 0.696               | 41        | 28          | 0.683               | 1591     | 798         | 0.502               |
| 413   | 9816    | 15089  | 313298 | <a href="#">Leonardo David Tuffi Santos</a>     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Produção Vegetal   Matologia   Silvicultura   Forragicultura                                    | 23      | 13          | 0.565               | 40        | 22          | 0.550               | 1591     | 608         | 0.382               |
| 89  | 9817    | 15091  | 313310 | <a href="#">Humberto Fiore</a>                  |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>Pediatria   neonatologia   | 23      | 14          | 0.609               | 37        | 19          | 0.514               | 1590     | 775         | 0.487               |
| 361   | 9818    | 15092  | 313313 | <a href="#">Fabiano Bernardi</a>                |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>             | <a href="#">Natural Sciences / Physics</a><br>metallic nanoparticle   catalysis   surface physics   in-situ measurements   Synchrotron Radiation            | 23      | 18          | 0.783               | 34        | 28          | 0.824               | 1590     | 904         | 0.569               |
| 414   | 9819    | 15094  | 313336 | <a href="#">Jafferson Kl Da Silva</a>           |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Physics</a><br>Física Estatística   Física Biológica   Teoria de Jogos   | 23      | 11          | 0.478               | 33        | 13          | 0.394               | 1589     | 403         | 0.254               |
| 2383  | 9820    | 15096  | 313356 | <a href="#">Elfriede Marianne Bacchi</a>        |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacognosia   farmacologia de plantas medicinais   fitoterapia    | 23      | 14          | 0.609               | 34        | 21          | 0.618               | 1588     | 579         | 0.365               |
| 121   | 9821    | 15097  | 313357 | <a href="#">Etel Rodrigues Pereira Gimba</a>    |  Brazil   | <a href="#">Universidade Federal Fluminense</a>                             | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>oncologia   câncer  | 23      | 18          | 0.783               | 31        | 26          | 0.839               | 1588     | 821         | 0.517               |
| 415   | 9822    | 15100  | 313387 | <a href="#">Carlos Bernardo M Alves</a>         |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology   Aquatic Sciences   Ichthyology   Zoology   | 23      | 16          | 0.696               | 44        | 27          | 0.614               | 1585     | 781         | 0.493               |
| 632   | 9823    | 15102  | 313394 | <a href="#">Doralina G Brum</a>                 |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medicine / Neurology</a><br>Neuroimunologia - esclerose múltipla   neuromielite optica   miastenia gravis   Neuropatia periférica imune-mediada | 23      | 15          | 0.652               | 32        | 23          | 0.719               | 1585     | 846         | 0.534               |
| 2384  | 9824    | 15104  | 313418 | <a href="#">Claudia R Passarelli</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geology   geochronology   structural geology   petrology                                   | 23      | 17          | 0.739               | 39        | 26          | 0.667               | 1583     | 902         | 0.570               |
| 2385  | 9825    | 15106  | 313434 | <a href="#">Sérgio Luiz De Siqueira Bueno</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | Decapod Crustacean Biology and Taxonomy   | 23      | 16          | 0.696               | 42        | 30          | 0.714               | 1582     | 690         | 0.436               |
| 69  | 9826    | 15107  | 313448 | <a href="#">David Castro</a>                    |  Brazil | <a href="#">Universidade Federal do Rio Grande do Norte</a>                 | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geociências  | 23      | 18          | 0.783               | 41        | 32          | 0.780               | 1581     | 1010        | 0.639               |
| 20  | 9827    | 15108  | 313449 | <a href="#">Luiz Antonio Junqueira Teixeira</a> |  Brazil | <a href="#">Instituto Agrônomo</a>  | <a href="#">Pesquisador Instituto Agrônomo</a><br>Ciência do solo   | 23      | 11          | 0.478               | 41        | 14          | 0.341               | 1581     | 508         | 0.321               |


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|---|---------|--------|--------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 38  | 9828    | 15109  | 313462 | <a href="#">Antonia Elenir A. Oliveira</a>           |  Brazil   | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a>  | 23      | 14          | 0.609               | 42        | 29          | 0.690               | 1580     | 677         | 0.428               |
| 52  | 9829    | 15111  | 313491 | <a href="#">Marcos Sampaio</a>                       |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                       | <a href="#">Natural Sciences / Physics</a><br>Física   | 23      | 13          | 0.565               | 42        | 21          | 0.500               | 1578     | 701         | 0.444               |
| 2   | 9830    | 15115  | 313561 | <a href="#">Marco Aurelio M Freire</a>               |  Brazil   | <a href="#">Universidade do Estado do Rio Grande do Norte UERN</a>      | <a href="#">Medical and Health Sciences / Pathology</a><br>Neuropathology   Neurotoxicology   Neuromorphology  | 23      | 16          | 0.696               | 41        | 27          | 0.659               | 1574     | 819         | 0.520               |
| 244   | 9831    | 15116  | 313568 | <a href="#">Danielle Arisa Caranti</a>               |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>               | <a href="#">aJUNIFESP</a><br>Obesidade   Síndrome Metabólica e Terapia interdisciplinar  | 23      | 15          | 0.652               | 33        | 22          | 0.667               | 1574     | 595         | 0.378               |
| 17  | 9832    | 15117  | 313572 | <a href="#">Kurt Strecker</a>                        |  Brazil   | <a href="#">Universidade Federal de São João del Rei UFSJ</a>           | <a href="#">SÃOJoãoDelRei</a>  | 23      | 14          | 0.609               | 46        | 22          | 0.478               | 1573     | 639         | 0.406               |
| 643   | 9833    | 15119  | 313582 | <a href="#">Enrico Ghizoni</a>                       |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>Epilepsia   Neurocirurgia   Tumor  | 23      | 19          | 0.826               | 44        | 35          | 0.795               | 1572     | 1048        | 0.667               |
| 2386  | 9834    | 15122  | 313609 | <a href="#">Felipe Augusto Dörr</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">UniversidSão Paulo</a><br>cromatografia   espectrometria de massas   | 23      | 19          | 0.826               | 33        | 26          | 0.788               | 1570     | 899         | 0.573               |
| 2387  | 9835    | 15123  | 313637 | <a href="#">Fabiola Andréa Silva</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Social Sciences / Archeology</a><br>arqueologia   antropologia   etnoarqueologia   | 23      | 14          | 0.609               | 48        | 24          | 0.500               | 1568     | 679         | 0.433               |
| 3   | 9836    | 15124  | 313642 | <a href="#">Dias Cristina Maria De Souza Brito</a>   |  Brazil | <a href="#">Universidade Católica de Pernambuco</a>                     | <a href="#">Social Sciences / Psychology</a><br>Psicologia   Envelhecimento   Adoção   Intergeracionalidade  | 23      | 15          | 0.652               | 39        | 23          | 0.590               | 1568     | 753         | 0.480               |
| 2388  | 9837    | 15125  | 313652 | <a href="#">Fabiola Attié De Castro</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>hematologia   imunologia   epigenetica   fisiopatologia   neoplasias mieloproliferativas | 23      | 17          | 0.739               | 45        | 35          | 0.778               | 1567     | 896         | 0.572               |
| 1   | 9838    | 15126  | 313665 | <a href="#">Itamar Rosa Teixeira</a>                 |  Brazil | <a href="#">Universidade Estadual de Goiás UEG</a>                      | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Agronomy   Crop management   Bean   Soy  | 23      | 13          | 0.565               | 47        | 25          | 0.532               | 1566     | 722         | 0.461               |
| 17  | 9839    | 15127  | 313680 | <a href="#">Marcelo Franco</a>                       |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                | <a href="#">SantCruz</a><br>Reuso de Resíduos Agroindustriais  | 23      | 21          | 0.913               | 53        | 46          | 0.868               | 1565     | 1243        | 0.794               |
| 159   | 9840    | 15131  | 313732 | <a href="#">Cristiana Brasil De Almeida Rebouças</a> |  Brazil | <a href="#">Universidade Federal do Ceará</a>                           | <a href="#">Medical and Health Sciences / Pediatrics and Child Health</a><br>pediatria   pessoa com deficiência   tecnologias em saúde   | 23      | 17          | 0.739               | 50        | 26          | 0.520               | 1562     | 843         | 0.540               |
| 16  | 9841    | 15132  | 313738 | <a href="#">Paulo B De Freitas</a>                   |  Brazil | <a href="#">Universidade Cruzeiro do Sul</a>                            | <a href="#">CruzeirodoSul</a><br>Controle Motor   Biomecânica   Função Manual   Avaliação Neuromuscular  | 23      | 16          | 0.696               | 42        | 24          | 0.571               | 1562     | 633         | 0.405               |



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|---|---------|--------|--------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 90  | 9842    | 15136  | 313770 | <a href="#">Talita CB Pereira</a>                     |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Natural Sciences / Biological Science</a><br>Zebrafish   Molecular Toxicology   Pharmacology   Nanotoxicology                                     | 23      | 18          | 0.783               | 38        | 29          | 0.763               | 1560     | 933         | 0.598               |
| 69  | 9843    | 15139  | 313827 | <a href="#">Newton Martins Barbosa Neto</a>           |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                           | <a href="#">Natural Sciences / Physics</a><br>Photophysics of porphyrins   Molecular aggregates   Photoinduced mechanisms                                     | 23      | 15          | 0.652               | 46        | 26          | 0.565               | 1555     | 708         | 0.455               |
| 2389  | 9844    | 15140  | 313835 | <a href="#">Flavia Gomes Sponholz</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">WomensHealth</a><br>women's health   women's mental health maternal mortality   | 23      | 12          | 0.522               | 39        | 20          | 0.513               | 1555     | 478         | 0.307               |
| 54  | 9845    | 15143  | 313934 | <a href="#">André Soares Leopoldo</a>                 |  Brazil   | <a href="#">Universidade Federal do Espírito Santo</a>                      | <a href="#">Education / Education</a>   | 23      | 17          | 0.739               | 38        | 24          | 0.632               | 1548     | 798         | 0.516               |
| 191   | 9846    | 15144  | 313971 | <a href="#">Adriana Maria Coimbra Horbe</a>           |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geologia   | 23      | 13          | 0.565               | 40        | 20          | 0.500               | 1545     | 620         | 0.401               |
| 155   | 9847    | 15147  | 313998 | <a href="#">Rafael Cardoso Sampaio Rafael Sampaio</a> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Social Sciences / Political Science</a><br>Democracia Digital   Comunicação Política   Internet e Política   Pesquisa Qualitativa   Cientometria. | 23      | 17          | 0.739               | 52        | 32          | 0.615               | 1543     | 929         | 0.602               |
| 70  | 9848    | 15148  | 314012 | <a href="#">Gorete Macedo</a>                         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Norte</a>                 | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Bioprocessos   biotecnologia   engenharia bioquímica                                   | 23      | 15          | 0.652               | 30        | 20          | 0.667               | 1543     | 803         | 0.520               |
| 121   | 9849    | 15149  | 314019 | <a href="#">Lucas Miranda Marques</a>                 |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                               | Microbiologia   Imunologia  | 23      | 18          | 0.783               | 46        | 36          | 0.783               | 1542     | 1139        | 0.739               |
| 2390  | 9850    | 15150  | 314020 | <a href="#">Tito Monteiro Da Cruz Lotufo</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>Zoologia   Ecologia Marinha   Tunicados   Biodiversidade   Evolução         | 23      | 18          | 0.783               | 45        | 31          | 0.689               | 1542     | 794         | 0.515               |
| 156   | 9851    | 15151  | 314028 | <a href="#">Henrique Da Silva Silveira Duarte</a>     |  Brazil  | <a href="#">Universidade Federal do Paraná</a>                              | Fitopatologia   | 23      | 17          | 0.739               | 40        | 31          | 0.775               | 1541     | 1015        | 0.659               |
| 2391  | 9852    | 15153  | 314049 | <a href="#">Jacqueline Pontes Monteiro</a>            |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">MediciRibeirÃfoPreto</a>  | 23      | 15          | 0.652               | 56        | 29          | 0.518               | 1539     | 674         | 0.438               |
| 2392  | 9853    | 15154  | 314054 | <a href="#">Danilo Manzani</a>                        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Optical fibers   tellurite glasses   glasses   optcial materials   nonlinear optical properties       | 23      | 18          | 0.783               | 38        | 31          | 0.816               | 1539     | 933         | 0.606               |
| 86  | 9854    | 15155  | 314061 | <a href="#">Thaíla Corrêa Castral</a>                 |  Brazil | <a href="#">Universidade Federal de Goiás UFG</a>                           | <a href="#">Adjunta da Enfermagem da UniversidaGoiás</a><br>Enfermagem neonatal   | 23      | 18          | 0.783               | 31        | 24          | 0.774               | 1539     | 803         | 0.522               |
| 5   | 9855    | 15156  | 314077 | <a href="#">Sidney Lima</a>                           |  Brazil | <a href="#">Universidade Federal do Piau</a>                                | <a href="#">Natural Sciences / Chemical Sciences</a><br>química   biologia   farmácia   geoquímica orgânica   | 23      | 16          | 0.696               | 41        | 29          | 0.707               | 1537     | 867         | 0.564               |
| 2393  | 9856    | 15158  | 314084 | <a href="#">Emerson Ricardo Pansarin</a>              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Orchidaceae   Filogenia   Evolução   Biologia Floral   | 23      | 15          | 0.652               | 51        | 35          | 0.686               | 1536     | 728         | 0.474               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 633   | 9857    | 15160  | 314095 | <a href="#">Pedro De Oliva Neto</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia   Bioquímica   Tecnologia das Fermentações  | 23      | 19          | 0.826               | 31        | 26          | 0.839               | 1536     | 999         | 0.650               |
| 18  | 9858    | 15161  | 314098 | <a href="#">Simone Damasceno Gomes</a>             |  Brazil   | <a href="#">Universidade Estadual do Oeste do Paraná UNIOESTE</a>           | <a href="#">Agriculture &amp; Forestry / Agricultural and Biosystems Engineering</a><br>Saneamento Ambiental   Tratamento de águas residuárias   Aproveitamento de Resíduos | 23      | 16          | 0.696               | 47        | 32          | 0.681               | 1535     | 929         | 0.605               |
| 71  | 9859    | 15164  | 314140 | <a href="#">Pedro Cordeiro Estrela</a>             |  Brazil   | <a href="#">Universidade Federal da Paraíba UFPB</a>                        | <a href="#">Natural Sciences / Biological Science</a><br>zoology  | 23      | 20          | 0.870               | 40        | 34          | 0.850               | 1532     | 1023        | 0.668               |
| 131   | 9860    | 15165  | 314145 | <a href="#">Jacqueline Nelisis Zanoni</a>          |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                            | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Neurogastroenterologia   Diabetes   Inflamação   Estresse oxidativo   Antioxidantes               | 23      | 15          | 0.652               | 51        | 24          | 0.471               | 1531     | 682         | 0.445               |
| 644   | 9861    | 15166  | 314146 | <a href="#">Paulo Eduardo Neves Ferreira Velho</a> |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Medical and Health Sciences / Dermatology and Venereology</a><br>Bartoneloses humanas   Cicatrização   Ensino médico   Dermatologia                             | 23      | 14          | 0.609               | 50        | 26          | 0.520               | 1531     | 732         | 0.478               |
| 245   | 9862    | 15167  | 314161 | <a href="#">Flavio A Cadegiani</a>                 |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinology   Sports Medicine   Adrenal   Obesity   COVID-19                                | 23      | 22          | 0.957               | 39        | 37          | 0.949               | 1530     | 1483        | 0.969               |
| 230   | 9863    | 15169  | 314168 | <a href="#">Jeronimo Alencar</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Pesquisador Entomologia, Fundação Oswaldo Cruz</a><br>Entomologia Médica   Ecologia   Biologia  | 23      | 14          | 0.609               | 54        | 30          | 0.556               | 1529     | 795         | 0.520               |
| 2394  | 9864    | 15170  | 314172 | <a href="#">Diego Demarco</a>                      |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Biological Science</a><br>Secretory structures in plants   Development and evolution of flowers   Plant anatomy                              | 23      | 20          | 0.870               | 44        | 39          | 0.886               | 1529     | 1197        | 0.783               |
| 91  | 9865    | 15172  | 314185 | <a href="#">Flavia V Thiesen</a>                   |  Brazil | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>toxicology   pharmacology   | 23      | 17          | 0.739               | 38        | 26          | 0.684               | 1528     | 814         | 0.533               |
| 46  | 9866    | 15176  | 314219 | <a href="#">Elisa Helena Fernandes</a>             |  Brazil | <a href="#">Universidade Federal do Rio Grande FURG</a>                     | <a href="#">Engineering &amp; Technology / Marine Sciences and Engineering</a><br>oceanografia   dinâmica costeira   modelagem numérica   sensoriamento remoto              | 23      | 17          | 0.739               | 32        | 26          | 0.813               | 1526     | 783         | 0.513               |
| 2395  | 9867    | 15177  | 314220 | <a href="#">Jose Pedro Donoso Gonzalez</a>         |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Ressonância Magnética   | 23      | 10          | 0.435               | 46        | 10          | 0.217               | 1525     | 370         | 0.243               |
| 12  | 9868    | 15178  | 314234 | <a href="#">Rosilda Mara Mussury Franco Silva</a>  |  Brazil | <a href="#">Universidade Federal da Grande Dourados UFGD</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Botânica   Biologia da polinização   interação inseto-planta   | 23      | 14          | 0.609               | 48        | 29          | 0.604               | 1524     | 754         | 0.495               |
| 12  | 9869    | 15179  | 314237 | <a href="#">Anderson Rodrigo Da Silva</a>          |  Brazil | <a href="#">Instituto Federal Goiano</a>                                    | <a href="#">Natural Sciences / Mathematics</a><br>statistics   agriculture  | 23      | 18          | 0.783               | 42        | 35          | 0.833               | 1524     | 1034        | 0.678               |

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| 231   | 9870    | 15183  | 314285 | <a href="#">Nilma Cintra Leal</a>                   |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                  | <a href="#">Instituto Aggeu Magalhães - IAM/FIOCRUZ-PE</a><br>Microbiology   Infectious Diseases   Antimicrobial Resistance   Molecular Microbiology | 23      | 11          | 0.478               | 52        | 16          | 0.308               | 1519     | 491         | 0.323               |
| 634   | 9871    | 15184  | 314286 | <a href="#">Antonio C Lofego</a>                    |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Biological Science</a><br>Biology   taxonomy   acarology   biological control   | 23      | 14          | 0.609               | 51        | 31          | 0.608               | 1519     | 680         | 0.448               |
| 192   | 9872    | 15187  | 314375 | <a href="#">Márcia Renata Mortari</a>               |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                           | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   neurofarmacologia   doenças neurodegenerativas.                        | 23      | 17          | 0.739               | 47        | 36          | 0.766               | 1511     | 928         | 0.614               |
| 157   | 9873    | 15188  | 314380 | <a href="#">Francisco Filipak Neto</a>              |  Brazil   | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>cell biology   molecular biology   cell toxicology                            | 23      | 17          | 0.739               | 40        | 29          | 0.725               | 1511     | 846         | 0.560               |
| 20  | 9874    | 15192  | 314447 | <a href="#">Simone Pinton</a>                       |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química   bioquímica   biologia   toxicologia   farmacologia                                 | 23      | 17          | 0.739               | 44        | 30          | 0.682               | 1505     | 867         | 0.576               |
| 109   | 9875    | 15193  | 314457 | <a href="#">Marilia Pivetta Rippe</a>               |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Materiais dentários   Prótese Dentária  | 23      | 21          | 0.913               | 33        | 32          | 0.970               | 1505     | 1297        | 0.862               |
| 21  | 9876    | 15194  | 314481 | <a href="#">André Gündel</a>                        |  Brazil   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                 | <a href="#">Natural Sciences / Physics</a><br>magnetism   nanostructures   | 23      | 19          | 0.826               | 44        | 33          | 0.750               | 1502     | 958         | 0.638               |
| 635   | 9877    | 15195  | 314496 | <a href="#">Alessandra Nara Souza Rastelli</a>      |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   Biofotônica Aplicada às Áreas da Saúde   Biomateriais   Nanotecnologia      | 23      | 17          | 0.739               | 39        | 24          | 0.615               | 1501     | 956         | 0.637               |
| 2396  | 9878    | 15196  | 314497 | <a href="#">Emille Eugenia De Oliveira Ishida</a>   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Computer Science</a><br>machine learning   interdisciplinarity development                                | 23      | 18          | 0.783               | 38        | 34          | 0.895               | 1501     | 1059        | 0.706               |
| 2   | 9879    | 15200  | 314543 | <a href="#">Sergio Marques Borghi</a>               |  Brazil | <a href="#">Universidade de Cuiabá</a>                                 | <a href="#">Universidade Estadual de Londrina</a><br>Fisiopatologia e farmacologia da dor e inflamação   | 23      | 20          | 0.870               | 38        | 36          | 0.947               | 1497     | 1247        | 0.833               |
| 416   | 9880    | 15201  | 314552 | <a href="#">Elizabeth Ribeiro Da Silva Camargos</a> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Cell Biology  | 23      | 13          | 0.565               | 41        | 19          | 0.463               | 1496     | 467         | 0.312               |
| 18  | 9881    | 15202  | 314563 | <a href="#">George Rego Albuquerque</a>             |  Brazil | <a href="#">Universidade Estadual de Santa Cruz UESC</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Parasitologia Veterinária   Doenças Parasitárias                                | 23      | 18          | 0.783               | 48        | 33          | 0.688               | 1495     | 932         | 0.623               |
| 105   | 9882    | 15203  | 314576 | <a href="#">Claudia Diniz Lopes Marques</a>         |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>                     | <a href="#">Medical and Health Sciences / Rheumatology</a><br>Reumatologia   Imunologia  | 23      | 20          | 0.870               | 36        | 31          | 0.861               | 1494     | 1069        | 0.716               |
| 645   | 9883    | 15206  | 314624 | <a href="#">Carla Fernanda Franco Penteadó</a>      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">UNICAMP</a>  | 23      | 12          | 0.522               | 36        | 19          | 0.528               | 1490     | 573         | 0.385               |

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| 18  | 9884    | 15207  | 314635 | <a href="#">Lucia Vieira</a>                     |  Brazil   | <a href="#">Instituto Tecnológico de Aeronáutica ITA</a>        | <a href="#">Engineering &amp; Technology / Mechanical Engineering</a><br>Tribologia   Energia   Nanotecnologia   Ciências dos Materiais   Aeronáutica   | 23      | 16          | 0.696               | 37        | 26          | 0.703               | 1489     | 658         | 0.442               |
| 2397  | 9885    | 15211  | 314688 | <a href="#">Rafael T De Sousa</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | Translational Research   Mitochondria   Depression   Bipolar Disorder   | 23      | 20          | 0.870               | 31        | 27          | 0.871               | 1484     | 947         | 0.638               |
| 2398  | 9886    | 15212  | 314690 | <a href="#">Taís Scaramucci</a>                  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry  | 23      | 22          | 0.957               | 46        | 43          | 0.935               | 1483     | 1175        | 0.792               |
| 374   | 9887    | 15213  | 314691 | <a href="#">Eduardo Pontual Ribeiro</a>          |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Economics &amp; Econometrics / Economics</a><br>Microeconomia   mercado de trabalho   defesa da concorrência  | 23      | 11          | 0.478               | 46        | 13          | 0.283               | 1483     | 511         | 0.345               |
| 2399  | 9888    | 15214  | 314692 | <a href="#">Eduardo Milton Ramos Sanchez</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Molecular Biology   Leishmania   Diagnostics   | 23      | 16          | 0.696               | 43        | 24          | 0.558               | 1483     | 729         | 0.492               |
| 417   | 9889    | 15216  | 314707 | <a href="#">Mônica Larucci Vieira</a>            |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Universida Minas Gerais</a><br>Hemostasis   Biochemistry   Bacteriology   Leptospira   Host-pathogen interactions   | 23      | 18          | 0.783               | 28        | 24          | 0.857               | 1482     | 655         | 0.442               |
| 362   | 9890    | 15219  | 314734 | <a href="#">Andréia Buffon</a>                   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Biologia celular do cancer   Análises Clínicas   | 23      | 19          | 0.826               | 42        | 30          | 0.714               | 1478     | 984         | 0.666               |
| 53  | 9891    | 15220  | 314776 | <a href="#">César Ribeiro</a>                    |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>               | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Doenças Neurodegenerativas   Metabolismo Energético   Neurociência   | 23      | 14          | 0.609               | 43        | 21          | 0.488               | 1474     | 481         | 0.326               |
| 2400  | 9892    | 15223  | 314796 | <a href="#">Fabricio Ferreira Coelho</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>Cirurgia Aparelho Digestivo   Cirurgia Hepatobiliopancreática   Cirurgia laparoscópica   Cirurgia Robótica   Transplante hepático | 23      | 16          | 0.696               | 43        | 29          | 0.674               | 1472     | 903         | 0.613               |
| 363   | 9893    | 15224  | 314807 | <a href="#">Fabrício Figueiró</a>                |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Imunometabolismo   Câncer   Resistência tumoral   Sistema purinérgico   Exossomos   | 23      | 19          | 0.826               | 33        | 31          | 0.939               | 1471     | 1053        | 0.716               |
| 193   | 9894    | 15225  | 314820 | <a href="#">Frédéric Mertens</a>                 |  Brazil | <a href="#">Universidade de Brasília UNB</a>                    | <a href="#">Desenvolvimento Sustentável</a><br>social networks   participatory research   ecohealth   community   | 23      | 18          | 0.783               | 36        | 29          | 0.806               | 1470     | 819         | 0.557               |
| 106   | 9895    | 15226  | 314828 | <a href="#">Diego Astúa</a>                      |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">Natural Sciences / Biological Science</a><br>mastozoologia   evolução morfológica   morfologia funcional   ecologia   morfometria   | 23      | 15          | 0.652               | 42        | 32          | 0.762               | 1469     | 679         | 0.462               |
| 54  | 9896    | 15227  | 314837 | <a href="#">Patricia A Ana</a>                   |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>               | Pesquisadora - Lasers em Odontologia   Biofotônica   Engenharia Biomédica   espectroscopia  | 23      | 14          | 0.609               | 30        | 21          | 0.700               | 1469     | 687         | 0.468               |
| 38  | 9897    | 15228  | 314840 | <a href="#">Paulo Henrique De Oliveira Rappl</a> |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>       | <a href="#">Instituto Nacional de Pesquisas Espaciais-INPE</a><br>Síntese de estruturas por epitaxia de feixe molecular   | 23      | 13          | 0.565               | 55        | 23          | 0.418               | 1468     | 641         | 0.437               |

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| 3   | 9898    | 15229  | 314859 | <a href="#">Martin Johannes Enk</a>                    |  Brazil   | <a href="#">Evandro Chagas Institute</a>   | <a href="#">Specialist in Public Health Research and Biomedical Investigation_ Evandro Chagas ...</a><br>Tropical Medicine   Helminthology   Schistosomiasis           | 23      | 14          | 0.609               | 32        | 20          | 0.625               | 1467     | 665         | 0.453               |
| 2401  | 9899    | 15231  | 314976 | <a href="#">Andiara De Rossi</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria   Endodontia   Fitoterapia  | 23      | 16          | 0.696               | 33        | 28          | 0.848               | 1455     | 790         | 0.543               |
| 2402  | 9900    | 15232  | 314982 | <a href="#">Francisco Tanaka</a>                       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Phytopathology</a><br>Anatomical and ultrastructural studies of plants and microorganisms   phytopathology   microbiology   plant anatomy                  | 23      | 20          | 0.870               | 38        | 33          | 0.868               | 1454     | 911         | 0.627               |
| 22  | 9901    | 15233  | 315002 | <a href="#">Marcos Marques Da Silva Paula</a>          |  Brazil   | <a href="#">Universidade Federal do Amazonas UFAM</a>                            | <a href="#">Amazonas</a>   | 23      | 15          | 0.652               | 37        | 23          | 0.622               | 1452     | 714         | 0.492               |
| 87  | 9902    | 15235  | 315040 | <a href="#">Fernanda Cristina Alcantara Dos Santos</a> |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                                | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>morfologia   histologia   embriologia   biologia da reprodução   próstata                       | 23      | 15          | 0.652               | 52        | 29          | 0.558               | 1448     | 821         | 0.567               |
| 2403  | 9903    | 15237  | 315072 | <a href="#">Stanislaw Bogusz Junior</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food science   Food chemistry   Sample preparation   Chromatography   Mass spectrometry | 23      | 19          | 0.826               | 28        | 23          | 0.821               | 1445     | 880         | 0.609               |
| 194   | 9904    | 15240  | 315148 | <a href="#">José Vicente Elias Bernardi</a>            |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                                     | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>Geociências e Ecologia  | 23      | 16          | 0.696               | 33        | 22          | 0.667               | 1436     | 656         | 0.457               |
| 246   | 9905    | 15242  | 315171 | <a href="#">Anna Rafaela Braga</a>                     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                        | <a href="#">Bioprocess Microbiology Nanotechnology Bioactive Compounds </a><br>Bioprodutos e Bioprocessos  | 23      | 19          | 0.826               | 29        | 27          | 0.931               | 1434     | 1251        | 0.872               |
| 26  | 9906    | 15243  | 315172 | <a href="#">Cristiane Valle Tovo</a>                   |  Brazil   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Medical and Health Sciences / Gastroenterology</a><br>hepatologia  | 23      | 19          | 0.826               | 49        | 29          | 0.592               | 1433     | 861         | 0.601               |
| 2404  | 9907    | 15246  | 315217 | <a href="#">Marco Aurélio Brizzotti Andrade</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Natural Sciences / Physics</a><br>Ultrasonics   Acoustic radiation force   acoustic levitation   | 23      | 21          | 0.913               | 36        | 30          | 0.833               | 1429     | 1081        | 0.756               |
| 2405  | 9908    | 15247  | 315230 | <a href="#">Daniela Cristina Carvalho De Abreu</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Physiotherapy</a>  | 23      | 21          | 0.913               | 42        | 38          | 0.905               | 1428     | 1087        | 0.761               |
| 160   | 9909    | 15248  | 315267 | <a href="#">Emmanuel Prata De Souza</a>                |  Brazil | <a href="#">Universidade Federal do Ceará</a>                                    | <a href="#">Medical and Health Sciences / Anatomy</a><br>Bioinformática   farmacologia   musculo liso   tecnologias de ensino em anatomia                              | 23      | 14          | 0.609               | 34        | 21          | 0.618               | 1423     | 627         | 0.441               |
| 232   | 9910    | 15249  | 315288 | <a href="#">Geraldo Gileno De Sa Oliveira</a>          |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>  | <a href="#">Pesquisador Titular do Centro de Pesquisas Goncalo Moniz, Fundacao Oswaldo Cruz</a><br>Manipulacao do sistema imune  | 23      | 13          | 0.565               | 34        | 19          | 0.559               | 1421     | 491         | 0.346               |
| 14  | 9911    | 15250  | 315294 | <a href="#">Marcia Antoniazzi Michelin</a>             |  Brazil | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>                   |  | 23      | 12          | 0.522               | 40        | 19          | 0.475               | 1420     | 675         | 0.475               |
| 9   | 9912    | 15251  | 315300 | <a href="#">Tadeu Uggere De Andrade</a>                |  Brazil | <a href="#">Universidade Vila Velha UVV</a>                                      | <a href="#">Medical and Health Sciences / Pharmacology</a><br>Probiotics   Pharmacology   Hypertension   Pharmaceutical care   | 23      | 18          | 0.783               | 45        | 30          | 0.667               | 1419     | 960         | 0.677               |






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| University  | Country | Region | World  | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 636   | 9913    | 15252  | 315316 | <a href="#">Cristiane Furuse</a>                |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Pathology</a>  | 23      | 12          | 0.522               | 45        | 16          | 0.356               | 1417     | 477         | 0.337               |
| 2406  | 9914    | 15253  | 315321 | <a href="#">Ximena Suarez Villagran</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Earth Sciences</a><br>geoarchaeology   microarchaeology   micromorphology   formation processes             | 23      | 20          | 0.870               | 33        | 31          | 0.939               | 1417     | 963         | 0.680               |
| 364   | 9915    | 15255  | 315328 | <a href="#">Alexandre Da Cas Viegas</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Physics</a><br>Magnetism and magnetic materials   | 23      | 12          | 0.522               | 43        | 20          | 0.465               | 1416     | 629         | 0.444               |
| 78  | 9916    | 15257  | 315343 | <a href="#">Ana Graci Brito Madurro</a>         |  Brazil   | <a href="#">Universidade Federal de Uberlândia</a>                     | <a href="#">Uberlândia</a>   | 23      | 16          | 0.696               | 44        | 30          | 0.682               | 1414     | 708         | 0.501               |
| 7   | 9917    | 15258  | 315355 | <a href="#">Antero Silva Ribeiro De Andrade</a> |  Brazil   | <a href="#">Centro de Desenvolvimento da Tecnologia Nuclear</a>        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia molecular   radiofármacos   Leishmaniose   vacina                      | 23      | 15          | 0.652               | 35        | 21          | 0.600               | 1413     | 449         | 0.318               |
| 23  | 9918    | 15260  | 315361 | <a href="#">José Romualdo De Sousa Lima</a>     |  Brazil   | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>         | <a href="#">Natural Sciences / Physics</a><br>Solos   evapotranspiração   mudanças climáticas  | 23      | 17          | 0.739               | 41        | 30          | 0.732               | 1412     | 988         | 0.700               |
| 2407  | 9919    | 15261  | 315367 | <a href="#">Kelly Adf Castro</a>                |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>química  | 23      | 17          | 0.739               | 32        | 29          | 0.906               | 1412     | 698         | 0.494               |
| 646   | 9920    | 15262  | 315378 | <a href="#">Eulalia Sakano</a>                  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Otorhinolaryngology</a><br>rhinology   cystic fibrosis   | 23      | 14          | 0.609               | 37        | 18          | 0.486               | 1410     | 502         | 0.356               |
| 125   | 9921    | 15263  | 315386 | <a href="#">Simon Elliot</a>                    |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br>Host-parasite interactions   insect pathology   phenotypic plasticity   biological control | 23      | 16          | 0.696               | 39        | 27          | 0.692               | 1409     | 838         | 0.595               |
| 2408  | 9922    | 15264  | 315408 | <a href="#">Ivan Kaygorodov</a>                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | non-associative algebras and superalgebras   | 23      | 21          | 0.913               | 47        | 39          | 0.830               | 1406     | 1194        | 0.849               |
| 2409  | 9923    | 15265  | 315413 | <a href="#">Dania Emi Hamassaki</a>             |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">University of Sao Paulo</a>  | 23      | 7           | 0.304               | 39        | 5           | 0.128               | 1406     | 209         | 0.149               |
| 365   | 9924    | 15266  | 315414 | <a href="#">Flavio Horowitz</a>                 |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">UFRGS</a><br>Thin films   Optics   | 23      | 11          | 0.478               | 38        | 13          | 0.342               | 1406     | 347         | 0.247               |
| 5   | 9925    | 15268  | 315440 | <a href="#">Rafael Fernandes Zanin</a>          |  Brazil | <a href="#">Faculdades La Salle UNILASALLE</a>                         |  | 23      | 18          | 0.783               | 35        | 23          | 0.657               | 1403     | 730         | 0.520               |



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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 9926    | 15269  | 315467 | <a href="#">Manuela Berto Pucca</a>            |  Brazil   | <a href="#">Universidade Federal de Roraima UFR</a>    | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular   Imunologia   Toxinologia   Phage Display   toxinas animais                           | 23      | 18          | 0.783               | 36        | 31          | 0.861               | 1400     | 1151        | 0.822               |
| 3   | 9927    | 15270  | 315471 | <a href="#">Plinio Mendes Senna</a>            |  Brazil   | <a href="#">Universidade do Grande Rio UNIGRANRIO</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia   | 23      | 19          | 0.826               | 27        | 27          | 1.000               | 1400     | 952         | 0.680               |
| 178   | 9928    | 15271  | 315472 | <a href="#">Renato Lajarim Carneiro</a>        |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemometrics   Chromatography   Vibrational spectroscopy   Pharmaceutical cocrystals                                     | 23      | 19          | 0.826               | 47        | 38          | 0.809               | 1399     | 965         | 0.690               |
| 179   | 9929    | 15272  | 315502 | <a href="#">Fabiana Luci De Oliveira</a>       |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>     | <a href="#">SÃO Carlos(UFSCar)</a><br>Sociologia do Direito   Sistema de Justiça   Processo decisório judicial   STF   | 23      | 17          | 0.739               | 38        | 29          | 0.763               | 1395     | 801         | 0.574               |
| 4   | 9930    | 15273  | 315503 | <a href="#">Carina Rodrigues Boeck</a>         |  Brazil   | <a href="#">Universidade Franciscana</a>               | <a href="#">Medical and Health Sciences / Neuroscience</a><br>neurociências   bioquímica   nanotecnologia  | 23      | 12          | 0.522               | 35        | 18          | 0.514               | 1395     | 423         | 0.303               |
| 2410  | 9931    | 15274  | 315523 | <a href="#">Tiago Palladino Delforno</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>          | <a href="#">RecursosMicrobianosCPOBA/UNICAMP</a><br>Microbial Ecology   Metagenomic   Anaerobic Digestion   16S rRNA gene sequencing   | 23      | 22          | 0.957               | 40        | 39          | 0.975               | 1392     | 1153        | 0.828               |
| 2411  | 9932    | 15278  | 315582 | <a href="#">Bruno Guedes Baldi</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>          | <a href="#">Heart(InCor)Medical</a><br>Interstitial lung diseases   rare lung diseases   | 23      | 15          | 0.652               | 45        | 29          | 0.644               | 1383     | 757         | 0.547               |
| 2412  | 9933    | 15279  | 315600 | <a href="#">Claudia Maria Castro Gomes</a>     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>          | <a href="#">Medical and Health Sciences / Pathology</a><br>Parasitologia   Imunopatologia   Diagnostico Laboratorial das Leishmanioses   | 23      | 14          | 0.609               | 39        | 23          | 0.590               | 1381     | 630         | 0.456               |
| 122   | 9934    | 15281  | 315635 | <a href="#">Diogo Menezes Ferrazani Mattos</a> |  Brazil | <a href="#">Universidade Federal Fluminense</a>        | <a href="#">Engineering &amp; Technology / Engineering</a><br>Redes de Computadores   Engenharia   Comunicação   | 23      | 17          | 0.739               | 37        | 25          | 0.676               | 1376     | 947         | 0.688               |
| 107   | 9935    | 15282  | 315636 | <a href="#">Solange De Paula Ramos</a>         |  Brazil | <a href="#">Universidade Estadual de Londrina</a>      | <a href="#">Medical and Health Sciences / Histology and Embriology</a><br>Fototerapia  | 23      | 16          | 0.696               | 37        | 32          | 0.865               | 1376     | 932         | 0.677               |
| 375   | 9936    | 15284  | 315680 | <a href="#">Angela H Lopes</a>                 |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a> | <a href="#">Medical and Health Sciences / Microbiology</a><br>Parasitology   Biochemistry   Cell Biology   Molecular Biology   | 23      | 11          | 0.478               | 47        | 12          | 0.255               | 1368     | 394         | 0.288               |
| 23  | 9937    | 15287  | 315743 | <a href="#">Marne Carvalho De Vasconcellos</a> |  Brazil | <a href="#">Universidade Federal do Amazonas UFAM</a>  | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Oncologia   Biotecnologia   | 23      | 15          | 0.652               | 37        | 22          | 0.595               | 1358     | 697         | 0.513               |
| 158   | 9938    | 15289  | 315797 | <a href="#">Meri Bordignon Nogueira</a>        |  Brazil | <a href="#">Universidade Federal do Paraná</a>         | <a href="#">Medical and Health Sciences / Virology</a><br>Virologia molecular   Diagnóstico virológico   Diagnóstico virológico em Transplantes   Diagnóstico das Doenças Virais | 23      | 14          | 0.609               | 41        | 28          | 0.683               | 1348     | 664         | 0.493               |
| 2413  | 9939    | 15292  | 315820 | <a href="#">Adriane Lima Mortari Moret</a>     |  Brazil | <a href="#">Universidade de São Paulo USP</a>          | <a href="#">FonoaudiologiFOBP</a><br>Audiologia Educacional   Implante Coclear   Saúde Auditiva  | 23      | 15          | 0.652               | 37        | 21          | 0.568               | 1344     | 570         | 0.424               |
| 132   | 9940    | 15294  | 315831 | <a href="#">Jurandir Fernando Comar</a>        |  Brazil | <a href="#">Universidade Estadual de Maringá</a>       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   Metabolismo e Bioenergética   | 23      | 17          | 0.739               | 45        | 35          | 0.778               | 1342     | 941         | 0.701               |
| 2414  | 9941    | 15298  | 315864 | <a href="#">Evelise Oliveira Telles</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>          | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>food hygiene and food safety and zoonosis   | 23      | 15          | 0.652               | 45        | 30          | 0.667               | 1335     | 677         | 0.507               |

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| University  | Country | Region | World  | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 9942    | 15299  | 315870 | <a href="#">Henri Plana</a>                      |  Brazil   | <a href="#">Universidade Estadual de Santa Cruz UESC</a>                | <a href="#">SantCruz</a>   | 23      | 11          | 0.478               | 38        | 14          | 0.368               | 1333     | 454         | 0.341               |
| 2415  | 9943    | 15300  | 315874 | <a href="#">Renato Leonardo De Freitas</a>       |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências   Psicofarmacologia   Dor & Emoções   Transtornos Psiquiátricos e Desordens Motores   Endocanabinoides   | 23      | 16          | 0.696               | 42        | 29          | 0.690               | 1332     | 701         | 0.526               |
| 233   | 9944    | 15301  | 315887 | <a href="#">Stenio Perdigão Fragoso</a>          |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Biologia Molecular  | 23      | 12          | 0.522               | 36        | 19          | 0.528               | 1330     | 421         | 0.317               |
| 9   | 9945    | 15303  | 315900 | <a href="#">Claudia Vasconcelos</a>              |  Brazil   | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a> | <a href="#">Medical and Health Sciences / Neurology</a><br>Neuroimunologia   esclerose multipla   neuromielite optica  | 23      | 17          | 0.739               | 41        | 30          | 0.732               | 1325     | 874         | 0.660               |
| 2416  | 9946    | 15304  | 315907 | <a href="#">Gustavo Rafael Mazzaron Barcelos</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genética Toxicológica   | 23      | 17          | 0.739               | 35        | 29          | 0.829               | 1324     | 672         | 0.508               |
| 376   | 9947    | 15305  | 315908 | <a href="#">Emerson Schwingel Ribeiro</a>        |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                  | <a href="#">Natural Sciences / Chemical Sciences</a><br>New materials and their applications: electroanalysis   sorbent materials   photodegradation and photodynamic therapy   etc. | 23      | 14          | 0.609               | 34        | 19          | 0.559               | 1324     | 516         | 0.390               |
| 70  | 9948    | 15306  | 315920 | <a href="#">Maurício Magalhães</a>               |  Brazil   | <a href="#">Universidade Federal do Pará UFPA</a>                       | Dor lombar   | 23      | 19          | 0.826               | 35        | 26          | 0.743               | 1322     | 1013        | 0.766               |
| 195   | 9949    | 15308  | 315925 | <a href="#">AV Dodonov</a>                       |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                            | <a href="#">Natural Sciences / Physics</a><br>Quantum Optics   dynamical Casimir effect   circuit QED   cavity QED   | 23      | 11          | 0.478               | 40        | 13          | 0.325               | 1321     | 402         | 0.304               |
| 5   | 9950    | 15309  | 315932 | <a href="#">Michele Rorato Sagrillo</a>          |  Brazil   | <a href="#">Universidade Franciscana</a>                                | <a href="#">Engineering &amp; Technology / Nanoscience and Nanotechnology</a><br>Nanotoxicologia   | 23      | 21          | 0.913               | 41        | 35          | 0.854               | 1318     | 1002        | 0.760               |
| 108   | 9951    | 15310  | 315946 | <a href="#">Marcos Ribeiro</a>                   |  Brazil  | <a href="#">Universidade Estadual de Londrina</a>                       | <a href="#">Universidade Estadual de Londrina</a>  | 23      | 10          | 0.435               | 38        | 12          | 0.316               | 1314     | 393         | 0.299               |
| 637   | 9952    | 15311  | 315981 | <a href="#">Rafael Silvio Bonilha Pinheiro</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Natural Sciences / Biological Science</a><br>Avaliação de carcaça   caprinocultura   qualidade da carne   ovinocultura   | 23      | 15          | 0.652               | 38        | 20          | 0.526               | 1303     | 692         | 0.531               |
| 2417  | 9953    | 15313  | 315992 | <a href="#">Claudiana Lameu</a>                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry - Molecular Biology   | 23      | 17          | 0.739               | 34        | 22          | 0.647               | 1301     | 802         | 0.616               |
| 16  | 9954    | 15316  | 316054 | <a href="#">André Nachbin</a>                    |  Brazil | <a href="#">Instituto Nacional de Matematica Pura e Aplicada</a>        | <a href="#">IMPA, Brazil</a><br>waves in fluids   numerical PDEs   | 23      | 11          | 0.478               | 35        | 14          | 0.400               | 1286     | 478         | 0.372               |
| 366   | 9955    | 15317  | 316075 | <a href="#">Aloir Antonio Merlo</a>              |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>Síntese Orgânica   Cristais Líquidos e Materiais Orgânicos Eletrônicos   | 23      | 14          | 0.609               | 38        | 21          | 0.553               | 1279     | 552         | 0.432               |

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| University  | Country | Region | World  | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2418  | 9956    | 15318  | 316094 | <a href="#">Thiago Martins</a>                       |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Engineering &amp; Technology / Mechatronics Engineering</a>  | 23      | 18          | 0.783               | 39        | 30          | 0.769               | 1272     | 877         | 0.689               |
| 22  | 9957    | 15319  | 316095 | <a href="#">Camila Pase</a>                          |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Pampa UNIPAMPA</a>                           | <a href="#">Medical and Health Sciences / Pharmacology</a>   | 23      | 15          | 0.652               | 38        | 28          | 0.737               | 1272     | 618         | 0.486               |
| 16  | 9958    | 15320  | 316104 | <a href="#">Mauricio Cortez Reis</a>                 |  <a href="#">Brazil</a>   | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>                         | <a href="#">Economics &amp; Econometrics / Economics</a><br>Labor Economics  | 23      | 13          | 0.565               | 39        | 19          | 0.487               | 1266     | 501         | 0.396               |
| 377   | 9959    | 15321  | 316128 | <a href="#">Rossiane Vommaro</a>                     |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                           | <a href="#">Medical and Health Sciences / Parasitology</a><br>Toxoplasma gondii   Parasitologia   Quimioterapia Experimental   Toxoplasmose ocular                                 | 23      | 14          | 0.609               | 37        | 21          | 0.568               | 1258     | 628         | 0.499               |
| 27  | 9960    | 15322  | 316137 | <a href="#">Vanessa Suñé Mattevi</a>                 |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal de Ciências da Saúde de Porto Alegre UFCSPA</a> | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia molecular   genética   obesidade   | 23      | 14          | 0.609               | 36        | 22          | 0.611               | 1256     | 437         | 0.348               |
| 123   | 9961    | 15324  | 316146 | <a href="#">Regina Helena Saramago Peralta</a>       |  <a href="#">Brazil</a>   | <a href="#">Universidade Federal Fluminense</a>                                  | <a href="#">imunologia</a><br>Diagnóstico imunológico e molecular de doenças infecciosas e parasitarias  | 23      | 14          | 0.609               | 32        | 21          | 0.656               | 1253     | 629         | 0.502               |
| 2419  | 9962    | 15325  | 316162 | <a href="#">Aquino Neto Sidney</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">fellow</a><br>Bioelectrochemistry   Electrocatalysis   Biofuel Cells   Wastewater treatment   Environmental Science  | 23      | 15          | 0.652               | 32        | 24          | 0.750               | 1245     | 678         | 0.545               |
| 2420  | 9963    | 15328  | 316202 | <a href="#">Danielle Guimarães</a>                   |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Farmacologia   Biologia Vascular   Metaloproteinases de matriz   Biologia do óxido nítrico | 23      | 19          | 0.826               | 28        | 26          | 0.929               | 1228     | 762         | 0.621               |
| 2421  | 9964    | 15329  | 316223 | <a href="#">Jose Henrique Hildebrand Grisi Filho</a> |  <a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                                    | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Veterinária  | 23      | 15          | 0.652               | 45        | 39          | 0.867               | 1215     | 739         | 0.608               |
| 15  | 9965    | 15330  | 316234 | <a href="#">Kennio Ferreira Paim</a>                 |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Triangulo Mineiro UFTM</a>                   | <a href="#">Medical and Health Sciences / Microbiology</a>   | 23      | 18          | 0.783               | 26        | 26          | 1.000               | 1211     | 906         | 0.748               |
| 638   | 9966    | 15333  | 316264 | <a href="#">Mariana Gobbo Braz</a>                   |  <a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>           |  | 23      | 16          | 0.696               | 38        | 33          | 0.868               | 1196     | 818         | 0.684               |
| 378   | 9967    | 15334  | 316282 | <a href="#">Lycia Gitirana</a>                       |  <a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                           |  | 23      | 15          | 0.652               | 39        | 26          | 0.667               | 1180     | 630         | 0.534               |
| 180   | 9968    | 15337  | 316303 | <a href="#">Manoel Gustavo Petrucelli Homem</a>      |  <a href="#">Brazil</a> | <a href="#">Universidade Federal de São Carlos</a>                               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Físico-Química   Espalhamento de elétrons e pósitrons por moléculas   fotoabsorção e fotoionização de moléculas            | 23      | 10          | 0.435               | 40        | 12          | 0.300               | 1160     | 360         | 0.310               |






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|---|---------|--------|--------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 247   | 9969    | 15338  | 316326 | <a href="#">Patricia Favaro</a>                            |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>                   | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>biologia celular   hematologia   neoplasia hematologica   vias de sinalizacao  | 23      | 16          | 0.696               | 30        | 27          | 0.900               | 1130     | 553         | 0.489               |
| 10  | 9970    | 15339  | 316344 | <a href="#">Dalila Moter Benvegnú</a>                      |  Brazil   | <a href="#">Universidade Federal da Fronteira Sul UFFS</a>                  | <a href="#">Universidade Federal da Fronteira Sul</a><br>Bioquímica   Toxicologia   Neurociências.  | 23      | 13          | 0.565               | 27        | 19          | 0.704               | 1097     | 524         | 0.478               |
| 2422  | 9971    | 15340  | 316346 | <a href="#">Paramita Barai</a>                             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Nuclear Engineering</a><br>Astronomy & Astrophysics   Cosmology   Numerical Simulations   Galaxy formation & evolution   Supermassive Black Holes                            | 23      | 15          | 0.652               | 27        | 20          | 0.741               | 1092     | 573         | 0.525               |
| 161   | 9972    | 15341  | 316410 | <a href="#">Armênio Aguiar Dos Santos</a>                  |  Brazil   | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">Medical and Health Sciences / Physiology</a><br>Systems biology   Computational Biology   Data Integration   Text-mining   Network biology  | 22      | 22          | 1.000               | 26        | 26          | 1.000               | 17642    | 14939       | 0.847               |
| 2423  | 9973    | 15343  | 316478 | <a href="#">Daniel De Oliveira Martins</a>                 |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Biomedical Engineering</a><br>Anatomia Dor Orofacial Fotobiomodulação  | 22      | 18          | 0.818               | 35        | 29          | 0.829               | 12651    | 7671        | 0.606               |
| 639   | 9974    | 15347  | 316543 | <a href="#">Fabien Lacasa</a>                              |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Physics</a><br>Cosmology   | 22      | 22          | 1.000               | 29        | 27          | 0.931               | 10526    | 5836        | 0.554               |
| 2424  | 9975    | 15349  | 316561 | <a href="#">Renata Cristina De Campos Pereira Silveira</a> |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">da UniversidaSão Paulo</a><br>Transplante de células tronco-hematopoéticas e Controle e Prevenção de Infecções Relacionadas à Assistência à Saúde   | 22      | 18          | 0.818               | 37        | 27          | 0.730               | 10043    | 6290        | 0.626               |
| 92  | 9976    | 15351  | 316587 | <a href="#">Cesar Augusto FonticIELha De Rose</a>          |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Parallel and Distributed Processing   Resource Management   Virtualization   Cloud Computing   Scientific Computing                                  | 22      | 14          | 0.636               | 38        | 19          | 0.500               | 9444     | 3995        | 0.423               |
| 23  | 9977    | 15353  | 316638 | <a href="#">Daniela Mendonça Ribeiro</a>                   |  Brazil  | <a href="#">Universidade Federal de Alagoas</a>                             | Musculoskeletal disorders and rehabilitation   clinical trials  | 22      | 20          | 0.909               | 44        | 32          | 0.727               | 8510     | 7983        | 0.938               |
| 10  | 9978    | 15355  | 316673 | <a href="#">Carlos E Tadokoro</a>                          |  Brazil | <a href="#">Universidade Vila Velha UVV</a>                                 | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology   Intravital Microscopy   Immunological Tolerance   Regulatory T cells   | 22      | 12          | 0.545               | 32        | 19          | 0.594               | 7995     | 2245        | 0.281               |
| 22  | 9979    | 15357  | 316728 | <a href="#">Geraldo Cernicchiaro</a>                       |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>             | <a href="#">CBPF - Centro Brasileiro de Pesquisas Físicas</a><br>Instrumentação Científica   sensores   Automação   Física Aplicada   | 22      | 11          | 0.500               | 29        | 14          | 0.483               | 7388     | 2496        | 0.338               |
| 2425  | 9980    | 15358  | 316752 | <a href="#">Roney Sampaio</a>                              |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">CoraSãoHCFMP</a><br>Rheumatic Fever   Valvular Heart Disease   Infective Endocarditis   | 22      | 17          | 0.773               | 41        | 27          | 0.659               | 7197     | 4077        | 0.566               |
| 9   | 9981    | 15359  | 316761 | <a href="#">Marcos Reigota</a>                             |  Brazil | <a href="#">Universidade de Sorocaba</a>                                    | <a href="#">Education / Education</a><br>Educação Ambiental   Estudos Culturais e Pedagogia Freireana   | 22      | 14          | 0.636               | 32        | 19          | 0.594               | 7138     | 2041        | 0.286               |
| 2426  | 9982    | 15360  | 316766 | <a href="#">Jose Roberto Ferreira</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Environmental Science &amp; Engineering</a><br>environmental chemistry and toxicology   chemical speciation   environmental analytical chemistry   heavy metals   speciation | 22      | 13          | 0.591               | 36        | 13          | 0.361               | 7118     | 3223        | 0.453               |






| AD Scientific Index - 2023 Brazil Top 10.000 Scientists |         |        |        |   |  |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|--------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2427  | 9983    | 15362  | 316808 | <a href="#">Mario Beni</a>                            |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Social Sciences / Tourism &amp; Hospitality</a><br>turismo   hotelaria  | 22      | 14          | 0.636               | 32        | 15          | 0.469               | 6708     | 1862        | 0.278               |
| 647   | 9984    | 15365  | 316956 | <a href="#">Larissa Galastri Baraldi</a>              |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrição e saúde pública   | 22      | 20          | 0.909               | 25        | 24          | 0.960               | 5806     | 4827        | 0.831               |
| 22  | 9985    | 15366  | 316958 | <a href="#">Luiz Felipe De Alencastro</a>             |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                          | <a href="#">EESPFPGVSorbonneAcademyEurope</a><br>Histoire   Sciences Politiques   Brésil   Angola   Atlantique Sud                                | 22      | 12          | 0.545               | 33        | 17          | 0.515               | 5802     | 1715        | 0.296               |
| 418   | 9986    | 15367  | 317035 | <a href="#">Hermann Rodrigues</a>                     |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>            | <a href="#">C/UFMG</a>  | 22      | 21          | 0.955               | 29        | 23          | 0.793               | 5514     | 2840        | 0.515               |
| 196   | 9987    | 15368  | 317076 | <a href="#">Berenice Bento</a>                        |  Brazil   | <a href="#">Universidade de Brasília UNB</a>                         | <a href="#">UniversidBrasília</a><br>sexualidade   gênero   estudos queer   direitos humanos  | 22      | 20          | 0.909               | 29        | 23          | 0.793               | 5377     | 3368        | 0.626               |
| 4   | 9988    | 15370  | 317105 | <a href="#">Adnilson De Almeida Silva</a>             |  Brazil   | <a href="#">Universidade Federal de Rondônia</a>                     | <a href="#">Natural Sciences / Geography</a><br>Geografia   Populações Tradicionais   Indígenas   | 22      | 13          | 0.591               | 53        | 18          | 0.340               | 5270     | 2197        | 0.417               |
| 181   | 9989    | 15371  | 317118 | <a href="#">Carlos Henrique Britto De Assis Prado</a> |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>                   | <a href="#">Arts, Design and Architecture / Architecture</a><br>ecofisiologia vegetal   photosynthesis   water relations   plant architecture     | 22      | 13          | 0.591               | 35        | 14          | 0.400               | 5226     | 1124        | 0.215               |
| 88  | 9990    | 15372  | 317133 | <a href="#">Eugenio Araujo</a>                        |  Brazil   | <a href="#">Universidade Federal de Goiás UFG</a>                    | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>veterinary pathology   cardiovascular surgery   signal transduction pathways | 22      | 14          | 0.636               | 41        | 19          | 0.463               | 5175     | 4038        | 0.780               |
| 30  | 9991    | 15374  | 317222 | <a href="#">Luiz Alberto David Araujo</a>             |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a> | <a href="#">ConstitucionalPontificiaaã€!</a><br>Direito Constitucional e Grupos vulneráveis e pessoas com deficiência e inclusão social           | 22      | 13          | 0.591               | 43        | 16          | 0.372               | 4959     | 1722        | 0.347               |
| 379   | 9992    | 15381  | 317432 | <a href="#">I Shih Liu</a>                            |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>               | <a href="#">Natural Sciences / Mathematics</a><br>Continuum Mechanics   Thermodynamics   Extended thermodynamics   Applied Mathematics            | 22      | 11          | 0.500               | 39        | 15          | 0.385               | 4543     | 1129        | 0.249               |
| 648   | 9993    | 15385  | 317645 | <a href="#">Carla Beatriz Grespan Bottoli</a>         |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>            | <a href="#">Natural Sciences / Chemical Sciences</a><br>Liquid Chromatography   Analytical Chemistry  | 22      | 13          | 0.591               | 38        | 18          | 0.474               | 4238     | 1323        | 0.312               |
| 162   | 9994    | 15388  | 317688 | <a href="#">José Antonio Fernandes De Macedo</a>      |  Brazil | <a href="#">Universidade Federal do Ceará</a>                        | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Data Science   Machine Learning   Big Data                                     | 22      | 17          | 0.773               | 49        | 30          | 0.612               | 4179     | 1796        | 0.430               |
| 227   | 9995    | 15389  | 317696 | <a href="#">João Ricardo Moreira De Almeida</a>       |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>          | <a href="#">Embrapa Agroenergy</a><br>Yeast metabolic engineering   biotechnology   biofuels  | 22      | 19          | 0.864               | 32        | 27          | 0.844               | 4170     | 1695        | 0.406               |
| 2428  | 9996    | 15391  | 317784 | <a href="#">Mario Pedrazzoli</a>                      |  Brazil | <a href="#">Universidade de São Paulo USP</a>                        | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>genetics   behavior   sleep   circadian rhythms   culture                  | 22      | 16          | 0.727               | 40        | 25          | 0.625               | 4061     | 1186        | 0.292               |

| AD Scientific Index - 2023 Brazil Top 10.000 Scientists |         |        |        |  |   |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|--------|--|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World  | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 43  | 9997    | 15393  | 317816 | <a href="#">Dimitri Dimoulis</a><br><a href="#">Dimitrios Dimoulis</a> | <br><a href="#">Brazil</a> | <a href="#">Escola Brasileira de Administração Pública e de Empresas</a><br><a href="#">Fundação Getulio Vargas</a> | <a href="#">Fundação Getulio Vargas</a>   | 22      | 13          | 0.591               | 42        | 23          | 0.548               | 4030     | 1448        | 0.359               |
| 9   | 9998    | 15394  | 317896 | <a href="#">Rinaldo Artes</a>  | <br><a href="#">Brazil</a> | <a href="#">Instituto de Ensino e Pesquisa INSPER</a>   | <a href="#">Natural Sciences / Mathematics</a><br>Estatística   | 22      | 16          | 0.727               | 42        | 21          | 0.500               | 3943     | 1155        | 0.293               |
| 21  | 9999    | 15397  | 317982 | <a href="#">Cássia Regina Limonta Carvalho</a>                         | <br><a href="#">Brazil</a> | <a href="#">Instituto Agrônomo</a>  | <a href="#">Natural Sciences / Chemical Sciences</a><br>Química de produtos vegetais  | 22      | 15          | 0.682               | 42        | 23          | 0.548               | 3864     | 779         | 0.202               |
| 649   | 10000   | 15399  | 318016 | <a href="#">Anna Christina Bentes</a>                                  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas</a><br><a href="#">UNICAMP</a>  | <a href="#">Social Sciences / Linguistics and Literature</a><br>sociolinguística   estilo   variação linguística   texto   contexto | 22      | 17          | 0.773               | 38        | 21          | 0.553               | 3839     | 1246        | 0.325               |

























**Table VII A. Brazil Top 100 Productivity i10 Index**







| AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index |         |        |       |   |   |  |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|---|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 1       | 7      | 260   | <a href="#">Gilvan Augusto Alves</a><br>  | <br>Brazil   | Brazilian Center for Research in Physics (CBPF)        | <a href="#">Natural Sciences / Physics</a><br>Physics Particle Physics High Energy Physics                               | 197     | 139         | 0.706               | 1066      | 802         | 0.752               | 201081   | 98709       | 0.491               |
| 1   | 2       | 8      | 307   | <a href="#">Luiz Mundim</a><br>           | <br>Brazil   | Universidade do Estado do Rio de Janeiro UERJ          | <a href="#">Natural Sciences / Physics</a><br>Física   | 200     | 147         | 0.735               | 1009      | 787         | 0.780               | 200816   | 104419      | 0.520               |
| 2   | 3       | 10     | 314   | <a href="#">Maria Elena Pol</a><br>  | <br>Brazil   | Brazilian Center for Research in Physics (CBPF)        | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                                      | 190     | 136         | 0.716               | 1004      | 656         | 0.653               | 188129   | 91663       | 0.487               |
| 1   | 4       | 11     | 325   | <a href="#">Elson Longo</a><br>  | <br>Brazil   | Universidade Federal de São Carlos                     | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanotechnology Theoretical Chemistry Sensors Varistors Catalysis | 103     | 58          | 0.563               | 996       | 584         | 0.586               | 50243    | 19848       | 0.395               |
| 1   | 5       | 12     | 362   | <a href="#">SF Novaes</a>   | <br>Brazil  | Universidade Estadual Paulista Júlio de Mesquita Filho | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics Field Theory   | 189     | 139         | 0.735               | 965       | 757         | 0.784               | 179822   | 96215       | 0.535               |
| 2   | 6       | 13     | 405   | <a href="#">Andre Sznajder</a>  | <br>Brazil | Universidade do Estado do Rio de Janeiro UERJ          | <a href="#">Natural Sciences / Physics</a><br>Experimental Particle Physics Higgs Physics and Vector Boson Scattering    | 190     | 142         | 0.747               | 941       | 743         | 0.790               | 177230   | 95878       | 0.541               |
| 1   | 7       | 14     | 416   | <a href="#">Eduardo De Moraes Gregores</a><br>   | <br>Brazil | Universidade Federal do ABC UFABC                      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 188     | 139         | 0.739               | 933       | 749         | 0.803               | 178198   | 95432       | 0.536               |
| 2   | 8       | 15     | 425   | <a href="#">Pedro Galli Mercadante</a>  | <br>Brazil | Universidade Federal do ABC UFABC                      | <a href="#">Natural Sciences / Physics</a><br>Física de altas energias   | 183     | 139         | 0.760               | 930       | 781         | 0.840               | 165844   | 93601       | 0.564               |

| AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index |         |        |       |  |   |  | H INDEX  |       |             | i10 INDEX           |       |             | CITATION            |        |             |                     |
|---|---------|--------|-------|--|---|--|--|-------|-------------|---------------------|-------|-------------|---------------------|--------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country   | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total  | Last 5 year | Last 5 year / total |
| 2   | 9       | 16     | 446   | <a href="#">Sandra Dos Santos Padula</a><br>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 192   | 145         | 0.755               | 914   | 847         | 0.927               | 155023 | 92818       | 0.599               |
| 1   | 10      | 18     | 488   | <a href="#">Sergio Tufik</a><br>              | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Psychology</a><br>Sono Privação de Sono REM Distúrbios do Sono Sonolência e Acidente | 105   | 62          | 0.590               | 886   | 599         | 0.676               | 52027  | 24138       | 0.464               |
| 1   | 11      | 20     | 714   | <a href="#">Marco Leite</a><br>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias Instrumentação                              | 183   | 149         | 0.814               | 784   | 727         | 0.927               | 204603 | 116111      | 0.567               |
| 1   | 12      | 22     | 772   | <a href="#">Murilo Santana Rangel</a><br>     | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Physics</a><br>Física de partículas   | 150   | 99          | 0.660               | 760   | 608         | 0.800               | 87942  | 44285       | 0.504               |
| 2   | 13      | 23     | 789   | <a href="#">Marisilvia Donadelli</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Higgs pair production b-tagging and tau physics.                     | 180   | 146         | 0.811               | 751   | 706         | 0.940               | 166576 | 102014      | 0.612               |
| 2   | 14      | 25     | 893   | <a href="#">Wanderley Desouza</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Medical and Health Sciences / Biophysics</a><br>Parasitology Cell Biology                              | 81    | 42          | 0.519               | 719   | 336         | 0.467               | 43513  | 16571       | 0.381               |
| 1   | 15      | 28     | 1034  | <a href="#">Jose Augusto Chinellato</a><br> | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Physics</a><br>particle physics cosmic rays   | 166   | 139         | 0.837               | 682   | 647         | 0.949               | 112801 | 82533       | 0.732               |
| 3   | 16      | 29     | 1115  | <a href="#">Leandro S De Paula</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio de Janeiro</a>                 | <a href="#">Natural Sciences / Physics</a><br>Physics  | 134   | 94          | 0.701               | 660   | 461         | 0.698               | 83661  | 42513       | 0.508               |
| 3   | 17      | 30     | 1119  | <a href="#">Dilson De Jesus Damião</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                                | 171   | 135         | 0.789               | 659   | 628         | 0.953               | 145774 | 91755       | 0.629               |

|            |         |        |       | AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index   |   |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 18      | 31     | 1136  | <a href="#">Eiji Tanaka</a><br>            | <br><a href="#">Brazil</a>   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> |   | 95      | 48          | 0.505               | 657       | 384         | 0.584               | 41761    | 13838       | 0.331               |
| 1          | 19      | 32     | 1149  | <a href="#">Deborah Carvalho Malta</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">emUniversidaMinasGerais saúde coletiva</a>  | 111     | 94          | 0.847               | 654       | 594         | 0.908               | 97117    | 84948       | 0.875               |
| 1          | 20      | 34     | 1223  | <a href="#">Marcos N Eberlin</a><br>       | <br><a href="#">Brazil</a>   | <a href="#">Universidade Presbiteriana Mackenzie</a>                        | <a href="#">MackenziePresbyterianUniversityEngeneering Mass Spectrometry (Bio)Chemistry and Origin of Life</a>                                  | 84      | 50          | 0.595               | 638       | 404         | 0.633               | 31228    | 13334       | 0.427               |
| 2          | 21      | 36     | 1273  | <a href="#">Tonelli Manganote EJ</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Natural Sciences / Physics Física de Partículas e Campos</a>  | 162     | 135         | 0.833               | 629       | 596         | 0.948               | 113381   | 80482       | 0.710               |
| 3          | 22      | 38     | 1407  | <a href="#">José Arana Varela</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>      | <a href="#">Natural Sciences / Physics Materials Science Ceramics Física Química</a>  | 92      | 46          | 0.500               | 603       | 291         | 0.483               | 33202    | 10403       | 0.313               |
| 1          | 23      | 39     | 1504  | <a href="#">Hans J Herrmann</a><br>      | <br><a href="#">Brazil</a>  | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">PMMHESPCIParis Complex Systems Critical Phenomena Granular Matter Statistical Physics</a>   | 106     | 51          | 0.481               | 585       | 321         | 0.549               | 39856    | 11628       | 0.292               |
| 2          | 24      | 40     | 1513  | <a href="#">Mauro Martins Teixeira</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Biochemistry inflammation leukocyte recruitment infection anti-inflammatory drugs clinical trials</a> | 102     | 65          | 0.637               | 584       | 443         | 0.759               | 43044    | 22372       | 0.520               |
| 1          | 25      | 41     | 1520  | <a href="#">Carla Göbel</a><br>          | <br><a href="#">Brazil</a> | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a>  | <a href="#">Natural Sciences / Physics Particle Physics</a>   | 147     | 101         | 0.687               | 582       | 476         | 0.818               | 86995    | 46365       | 0.533               |












| AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index |         |        |       |   |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 26      | 43     | 1732  | <a href="#">Alexandre Alarcon Do Passo Suaide</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>física nuclear física de partículas tecnologia da informação   | 166     | 113         | 0.681               | 553       | 494         | 0.893               | 92478    | 43124       | 0.466               |
| 1   | 27      | 44     | 1798  | <a href="#">Gustavo Gil da Silveira</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>hep-ex hep-ph  | 139     | 127         | 0.914               | 545       | 534         | 0.980               | 89020    | 70381       | 0.791               |
| 4   | 28      | 46     | 1932  | <a href="#">Paulo Hilário Nascimento Saldiva</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Pathology</a>  | 92      | 58          | 0.630               | 530       | 344         | 0.649               | 35195    | 17570       | 0.499               |
| 5   | 29      | 47     | 1942  | <a href="#">Fernando De Queiroz Cunha</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Translacional Research Inflammatory Diseases   | 105     | 58          | 0.552               | 529       | 398         | 0.752               | 41105    | 16067       | 0.391               |
| 6   | 30      | 50     | 2043  | <a href="#">Oswaldo N Oliveira Jr</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Physics nanotechnology computational linguistics organic electronics   | 73      | 44          | 0.603               | 520       | 274         | 0.527               | 25175    | 10193       | 0.405               |
| 1   | 31      | 51     | 2126  | <a href="#">Rui Curi</a>                 |  Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>metabolism immune function nutrients   | 94      | 52          | 0.553               | 512       | 305         | 0.596               | 35921    | 14116       | 0.393               |
| 4   | 32      | 54     | 2299  | <a href="#">Erica Polycarpo</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 128     | 97          | 0.758               | 496       | 431         | 0.869               | 72091    | 42719       | 0.593               |
| 1   | 33      | 57     | 2436  | <a href="#">José Cola Zanuncio</a>  |  Brazil | <a href="#">Universidade Federal de Viçosa UFV</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Biological Control Forest Entomology Forest Science Pest Management Scientific Writing  | 54      | 34          | 0.630               | 486       | 246         | 0.506               | 16437    | 7452        | 0.453               |
| 7   | 34      | 58     | 2444  | <a href="#">Manoel Jacobsen Teixeira</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia Neurocirurgia Neurocirurgia Funcional Dor Movimentos anormais  | 67      | 45          | 0.672               | 485       | 309         | 0.637               | 20921    | 10947       | 0.523               |
| 1   | 35      | 61     | 2523  | <a href="#">Mauricio L. Barreto</a>    |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Senior Investigator, FIOCRUZ and Emeritus Professor, Federal University of Bahia - UFBA.br</a><br>Saúde Coletiva Public Health Social Epidemiology Health Inequalities Social Determinants of Health | 99      | 63          | 0.636               | 479       | 350         | 0.731               | 37502    | 18748       | 0.500               |










|            |         |        |       | AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 8          | 36      | 63     | 2541  | <a href="#">Marcelo Labruna</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Taxonomia de carrapatos e doenças transmitidas por carrapatos           | 81      | 54          | 0.667               | 478       | 407         | 0.851               | 29107    | 16779       | 0.576               |
| 2          | 37      | 64     | 2559  | <a href="#">Paulo Roberto Cecon</a>   |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>          | <a href="#">Natural Sciences / Statistics</a><br>Estatística Estatística Experimental Biometria Regressão                                    | 61      | 32          | 0.525               | 477       | 200         | 0.419               | 19916    | 6781        | 0.340               |
| 3          | 38      | 65     | 2576  | <a href="#">Sebastiao De Campos Valadares Filho</a>                           |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Ciência animal  | 69      | 35          | 0.507               | 476       | 176         | 0.370               | 23187    | 7487        | 0.323               |
| 1          | 39      | 68     | 2801  | <a href="#">Pedro C Hallal</a>  |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>       | <a href="#">UniversidaPelotas</a><br>Physical activity epidemiology  | 106     | 68          | 0.642               | 461       | 371         | 0.805               | 72339    | 41292       | 0.571               |
| 1          | 40      | 69     | 2817  | <a href="#">Luiz Carlos Bresser Pereira</a>                                   |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomics development macroeconomics social theory political theory         | 99      | 59          | 0.596               | 460       | 267         | 0.580               | 42910    | 15332       | 0.357               |
| 1          | 41      | 72     | 2959  | <a href="#">Fernando C Barros</a>   |  Brazil   | <a href="#">Universidade Católica de Pelotas</a>            | <a href="#">UCPEL - UFPEL</a><br>EPIDEMIOLOGIA   | 115     | 67          | 0.583               | 451       | 315         | 0.698               | 47246    | 20577       | 0.436               |
| 1          | 42      | 74     | 3074  | <a href="#">Philip M Fearnside</a>  |  Brazil | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">Natural Sciences / Biological Science</a><br>ecologia  | 108     | 66          | 0.611               | 445       | 267         | 0.600               | 44778    | 16831       | 0.376               |
| 9          | 43      | 76     | 3333  | <a href="#">Vanderlei Salvador Bagnato</a>                                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Physics</a><br>física biofotônica   | 68      | 47          | 0.691               | 431       | 251         | 0.582               | 23293    | 9771        | 0.419               |
| 10         | 44      | 79     | 3548  | <a href="#">Paulo Artaxo</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric aerosols Amazonia global climate change | 114     | 72          | 0.632               | 419       | 325         | 0.776               | 59731    | 25281       | 0.423               |
| 5          | 45      | 80     | 3614  | <a href="#">Cédric Potterat</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 125     | 94          | 0.752               | 416       | 386         | 0.928               | 65388    | 39815       | 0.609               |







|            |         |        |       | AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index   |  |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 46      | 81     | 3725  | <a href="#">Carlos Roberto Padovani</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> |   | 58      | 33          | 0.569               | 412       | 181         | 0.439               | 17206    | 6190        | 0.360               |
| 2          | 47      | 82     | 3800  | <a href="#">Diogo O Souza</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry neuroscience bioenergetics and brain guanosine.  | 78      | 44          | 0.564               | 409       | 238         | 0.582               | 23064    | 8188        | 0.355               |
| 3          | 48      | 83     | 3881  | <a href="#">Nelson Durán</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanobiotechnology   | 92      | 64          | 0.696               | 406       | 239         | 0.589               | 35622    | 16210       | 0.455               |
| 11         | 49      | 84     | 3891  | <a href="#">Hellmut Eckert</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Sao Paulo</a><br>Nuclear magnetic resonance   | 67      | 38          | 0.567               | 406       | 218         | 0.537               | 19880    | 6709        | 0.337               |
| 1          | 50      | 90     | 4219  | <a href="#">Joao Batista Calixto</a><br> |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia inflamacao dor produtos naturais   | 94      | 49          | 0.521               | 394       | 214         | 0.543               | 31797    | 10012       | 0.315               |
| 12         | 51      | 91     | 4286  | <a href="#">Edmund Chada Baracat</a>  |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medicida</a><br>Disciplina de Ginecologia   | 60      | 38          | 0.633               | 392       | 217         | 0.554               | 16991    | 7548        | 0.444               |
| 13         | 52      | 93     | 4330  | <a href="#">Paulo A Lotufo</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia cardiovascular Epidemiologia do diabetes Biomarcadores Atenção Primária a Saúde | 100     | 89          | 0.890               | 390       | 318         | 0.815               | 197501   | 152487      | 0.772               |
| 14         | 53      | 94     | 4393  | <a href="#">Paulo Andrade Lotufo</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>medicina interna epidemiologia  | 99      | 88          | 0.889               | 388       | 318         | 0.820               | 125248   | 109844      | 0.877               |
| 1          | 54      | 95     | 4407  | <a href="#">Sonia Silva Marcon</a>  |  Brazil | <a href="#">Universidade Estadual de Maringá</a>                       | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Enfermagem Família Doenças Crônicas Family nursing Nursing  | 62      | 39          | 0.629               | 388       | 276         | 0.711               | 15383    | 8417        | 0.547               |
| 15         | 55      | 96     | 4416  | <a href="#">Carlos Augusto Monteiro</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition Public Health Diet Food processing   | 119     | 84          | 0.706               | 387       | 244         | 0.630               | 64036    | 31481       | 0.492               |















|            |         |        |       | AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index  |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 56      | 97     | 4471  | <a href="#">Fernando Cendes</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Epilepsy Neuroimaging Neurology Neuroscience   | 85      | 44          | 0.518               | 386       | 262         | 0.679               | 29628    | 11756       | 0.397               |
| 1          | 57      | 98     | 4504  | <a href="#">Carlos Ricardo Soccol</a><br> |  Brazil   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa</a><br>Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa   | 88      | 62          | 0.705               | 385       | 293         | 0.761               | 34589    | 17027       | 0.492               |
| 16         | 58      | 99     | 4716  | <a href="#">Manoel Antonio Dos Santos</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica Psicologia da Saúde Sexualidade e Gênero Saúde Mental                           | 61      | 42          | 0.689               | 378       | 262         | 0.693               | 16312    | 8605        | 0.528               |
| 3          | 59      | 101    | 4765  | <a href="#">Antonio Luiz P Ribeiro</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology Chagas disease Electrocardiography Cardiovascular epidemiology Telemedicine | 75      | 62          | 0.827               | 376       | 284         | 0.755               | 79763    | 70161       | 0.880               |
| 17         | 60      | 102    | 4783  | <a href="#">Isabela Bensenor</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia das doenças crônicas e dos sintomas                  | 91      | 83          | 0.912               | 375       | 322         | 0.859               | 103100   | 94648       | 0.918               |
| 2          | 61      | 104    | 5028  | <a href="#">Aluisio JD Barros</a>  |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>       | <a href="#">UniversidaPelotasBrasil</a><br>Health equity Lifecycle epidemiology  | 94      | 70          | 0.745               | 368       | 322         | 0.875               | 49126    | 33283       | 0.678               |
| 4          | 62      | 105    | 5034  | <a href="#">Robson Augusto Souza Dos Santos</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | Cardiovascular Physiology Renin-angiotensin system Angiotensin-(1-7) Cardiovascular System Hypertension angiotensin receptor                       | 90      | 53          | 0.589               | 368       | 284         | 0.772               | 30228    | 12698       | 0.420               |
| 1          | 63      | 106    | 5188  | <a href="#">Luiz HC Mattoso</a>  |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Embrapa Instrumentation, Nanotech Lab (LNNA)</a><br>Materials Science Nanotechnology Polymer Science                                   | 82      | 58          | 0.707               | 364       | 264         | 0.725               | 26380    | 14489       | 0.549               |
| 1          | 64      | 107    | 5283  | <a href="#">Cristina W Nogueira</a><br> |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica   | 65      | 34          | 0.523               | 362       | 221         | 0.610               | 19138    | 7161        | 0.374               |
| 18         | 65      | 108    | 5318  | <a href="#">Berenice Bilharinho De Mendonça</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia e Metabolologia                                       | 78      | 45          | 0.577               | 361       | 228         | 0.632               | 23602    | 8677        | 0.368               |










| AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index |         |        |       |   |  |  | H INDEX  |       |             | i10 INDEX           |       |             | CITATION            |       |             |                     |
|---|---------|--------|-------|---|--|--|--|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country  | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 5   | 66      | 109    | 5330  | <a href="#">Sinhoreti MA</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry Composite Adhesive systems  | 64    | 42          | 0.656               | 361   | 236         | 0.654               | 16513 | 7671        | 0.465               |
| 5   | 67      | 110    | 5365  | <a href="#">Sidney JI Ribeiro</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry Chemistry of Materials Education in Chemistry Photonic Materials Biopolymers | 70    | 45          | 0.643               | 360   | 252         | 0.700               | 18740 | 8932        | 0.477               |
| 5   | 68      | 111    | 5406  | <a href="#">Vasco Ariston De Carvalho Azevedo</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genome transcriptome proteome   | 65    | 46          | 0.708               | 359   | 287         | 0.799               | 22126 | 10529       | 0.476               |
| 1   | 69      | 112    | 5408  | <a href="#">Nilton Curi</a><br>              |  Brazil   | <a href="#">Universidade Federal de Lavras UFLA</a>                    | Pedologia  | 63    | 38          | 0.603               | 359   | 214         | 0.596               | 17290 | 7019        | 0.406               |
| 6   | 70      | 113    | 5476  | <a href="#">Glaucia Bovi Ambrosano</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística  | 67    | 40          | 0.597               | 357   | 275         | 0.770               | 17695 | 8583        | 0.485               |
| 6   | 71      | 115    | 5561  | <a href="#">Geraldo Wilson Fernandes</a>  |  Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Biological Science</a><br>Ecology Climate change Conservation Biology Plant resistance Plant-animal interactions          | 70    | 49          | 0.700               | 355   | 261         | 0.735               | 21112 | 11225       | 0.532               |
| 3   | 72      | 116    | 5646  | <a href="#">Bernardo Horta</a>  |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 97    | 71          | 0.732               | 352   | 304         | 0.864               | 60980 | 41547       | 0.681               |
| 7   | 73      | 117    | 5792  | <a href="#">Carlos Augusto Rosa</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>micologia biologia de leveduras taxonomia de leveduras biodiversidade de leveduras         | 63    | 45          | 0.714               | 349   | 254         | 0.728               | 15849 | 9092        | 0.574               |
| 1   | 74      | 118    | 5816  | <a href="#">Alessandro D Loguercio</a><br> |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Adhesion bonding durability bleaching randomized clinical trial </a><br>Adhesion bonding durability bleaching randomized clinical trial      | 86    | 58          | 0.674               | 348   | 305         | 0.876               | 23142 | 13589       | 0.587               |

|            |         |        |       | AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index   |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 75      | 120    | 5913  | <a href="#">Cosme Cruz</a>  |  Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>            | <a href="#">Biometria</a><br>Biometria Estatística Genética Inteligência Computacional   | 58      | 35          | 0.603               | 346       | 164         | 0.474               | 28024    | 9937        | 0.355               |
| 6          | 76      | 121    | 5915  | <a href="#">Edson Marchiori</a>   |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Medical and Health Sciences / Radiology</a><br>Radiologia Torácica   | 54      | 34          | 0.630               | 346       | 213         | 0.616               | 13146    | 6902        | 0.525               |
| 7          | 77      | 124    | 6252  | <a href="#">Tuula Salo</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>     | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral  | 96      | 51          | 0.531               | 338       | 253         | 0.749               | 31653    | 10021       | 0.317               |
| 1          | 78      | 127    | 6358  | <a href="#">Felipe Dal Pizzol</a><br>          |  Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a> | <a href="#">UniversidExtremoSulCatarinense</a><br>sepsis inflammation brain dysfunction antioxidants                             | 79      | 48          | 0.608               | 336       | 240         | 0.714               | 19882    | 9094        | 0.457               |
| 19         | 79      | 129    | 6441  | <a href="#">Jose E Krieger</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a>  | 72      | 39          | 0.542               | 334       | 205         | 0.614               | 20165    | 7903        | 0.392               |
| 4          | 80      | 130    | 6453  | <a href="#">Vitor Oguri</a>   |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 122     | 53          | 0.434               | 333       | 165         | 0.495               | 85376    | 23324       | 0.273               |
| 20         | 81      | 131    | 6490  | <a href="#">Carlos Roberto Ribeiro De Carvalho Carvalho</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Medicina Respiratória e Terapia Intensiva                        | 63      | 43          | 0.683               | 333       | 197         | 0.592               | 33925    | 15258       | 0.450               |
| 1          | 82      | 132    | 6544  | <a href="#">José Maria Barbosa Filho</a><br> |  Brazil | <a href="#">Universidade Federal da Paraíba UFPB</a>          | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Química de Produtos Naturais             | 62      | 39          | 0.629               | 332       | 214         | 0.645               | 18416    | 7865        | 0.427               |
| 2          | 83      | 133    | 6575  | <a href="#">Alessandra Reis</a>   |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>    | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Adesão Sistemas adesivos Resina composta Estudos clínicos | 84      | 59          | 0.702               | 331       | 279         | 0.843               | 22465    | 13012       | 0.579               |









| AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index |         |        |       |  |  |   | H INDEX   |       |             | i10 INDEX           |       |             | CITATION            |       |             |                     |
|---|---------|--------|-------|--|--|---|---|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|
| University  | Country | Region | World | Name                                   | Country  | University  | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 21  | 84      | 134    | 6601  | <a href="#">Jeremy Squire</a>          |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>PTEN prostate cancer tissue microenvironment TMPRSS2-ERG immune response | 97    | 45          | 0.464               | 330   | 181         | 0.548               | 50283 | 13207       | 0.263               |
| 8   | 85      | 136    | 6614  | <a href="#">Lauro Tatsuo Kubota</a>    |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>               | <a href="#">Natural Sciences / Chemical Sciences</a><br>Analytical Chemistry Electrochemistry Bioanalytical Sensors                             | 76    | 44          | 0.579               | 330   | 167         | 0.506               | 20322 | 6898        | 0.339               |
| 3   | 86      | 137    | 6655  | <a href="#">Jairton Dupont</a>         |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Natural Sciences / Chemical Sciences</a><br>líquidos iônicos  | 89    | 47          | 0.528               | 329   | 248         | 0.754               | 37671 | 10103       | 0.268               |
| 6   | 87      | 139    | 6722  | <a href="#">Célio FB Haddad</a>        |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>  | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Amphibians Ecology Behavior Conservation Evolution                         | 76    | 49          | 0.645               | 328   | 240         | 0.732               | 28627 | 11625       | 0.406               |
| 3   | 88      | 140    | 6749  | <a href="#">Ronald Cintra Shellard</a> |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>         | <a href="#">Natural Sciences / Physics</a><br>Physics Astrophysics Astronomy  | 95    | 51          | 0.537               | 327   | 132         | 0.404               | 40639 | 13528       | 0.333               |
| 2   | 89      | 141    | 6758  | <a href="#">Edgar M Carvalho</a>       |  Brazil | <a href="#">Fundação Oswaldo Cruz</a>                                   | <a href="#">Medical and Health Sciences / Immunology</a><br>Immunology  | 86    | 45          | 0.523               | 327   | 216         | 0.661               | 24359 | 8117        | 0.333               |
| 22  | 90      | 142    | 6765  | <a href="#">Wagner F Gattaz</a>        |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Schizophrenia Alzheimer´s Disease Depression Brain Development                      | 78    | 45          | 0.577               | 327   | 196         | 0.599               | 22230 | 8686        | 0.391               |
| 1   | 91      | 146    | 7198  | <a href="#">Raimundo Braz Filho</a>    |  Brazil | <a href="#">Universidade Estadual do Norte Fluminense Darcy Ribeiro</a> | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>Produtos Naturais                                       | 46    | 24          | 0.522               | 320   | 140         | 0.438               | 10281 | 3928        | 0.382               |
| 23  | 93      | 149    | 7237  | <a href="#">Jose E Tanus Santos</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Cardiovascular </a><br>Cardiovascular   | 64    | 34          | 0.531               | 319   | 219         | 0.687               | 17037 | 6697        | 0.393               |


|            |         |        |       | AD Scientific Index - 2023 Table VII A. Brazil Top 100 Productivity i10 Index  |   |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|--|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 92      | 148    | 7236  | <a href="#">Jose Claudio Fonseca Moreira</a>   | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Biologia Molecular Bioquímica ecológica Biologia de sistemas   | 67      | 45          | 0.672               | 319       | 223         | 0.699               | 16460    | 8159        | 0.496               |
| 1          | 94      | 150    | 7245  | <a href="#">Henrique Douglas Coutinho</a><br>     | <br>Brazil   | <a href="#">Universidade Regional do Cariri URCA</a>            | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia Produtos naturais   | 51      | 42          | 0.824               | 319       | 267         | 0.837               | 11306    | 8675        | 0.767               |
| 24         | 95      | 151    | 7421  | <a href="#">Jorge Kalil HC</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Immunology</a>  | 66      | 39          | 0.591               | 316       | 186         | 0.589               | 16976    | 6445        | 0.380               |
| 25         | 96      | 152    | 7520  | <a href="#">Marilia Afonso Rabelo Buzalaf</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Oral Cariologia Erosao dentária Proteomica   | 63      | 45          | 0.714               | 314       | 233         | 0.742               | 15317    | 8391        | 0.548               |
| 1          | 97      | 153    | 7556  | <a href="#">Marcio AG Maia</a><br>                | <br>Brazil   | <a href="#">Observatorio Nacional</a>                           | <a href="#">Researcher Observatorio Nacional</a><br>Astronomy astrophysics cosmology  | 84      | 77          | 0.917               | 313       | 279         | 0.891               | 36745    | 29850       | 0.812               |
| 2          | 98      | 154    | 7579  | <a href="#">Celso Vataru Nakamura</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Medical and Health Sciences / Microbiology</a><br>Ciências Farmacêuticas Biologia Atividade Biológica   | 62      | 43          | 0.694               | 313       | 270         | 0.863               | 16248    | 9042        | 0.556               |
| 2          | 99      | 157    | 7679  | <a href="#">Mariangela Hungria</a><br>          | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>     | <a href="#">Embrapa Soja, Londrina, State of Paraná, Brazil</a><br>Biological nitrogen fixation Soil microbiology Microbial inoculants and inoculation Taxonomy and phylogeny of rhizobia Genom | 86      | 57          | 0.663               | 311       | 239         | 0.768               | 23856    | 12151       | 0.509               |
| 1          | 100     | 158    | 7701  | <a href="#">Ulysses Paulino Albuquerque</a><br> | <br>Brazil | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">UniversidPernambuco</a><br>cultural evolution conservation science ethnobiology biodiversity human ecology  | 75      | 57          | 0.760               | 311       | 262         | 0.842               | 22336    | 12053       | 0.540               |






**Table VII B. Brazil Top 100 Last 5 Years i10 Index**















| AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index |         |        |       |   |   |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 1       | 7      | 230   | <a href="#">Sandra Dos Santos Padula</a><br>  | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 192     | 145         | 0.755               | 914       | 847         | 0.927               | 155023   | 92818       | 0.599               |
| 1   | 2       | 9      | 286   | <a href="#">Gilvan Augusto Alves</a><br>      | <br>Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Physics Particle Physics High Energy Physics                            | 197     | 139         | 0.706               | 1066      | 802         | 0.752               | 201081   | 98709       | 0.491               |
| 1   | 3       | 11     | 304   | <a href="#">Luiz Mundim</a><br>               | <br>Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Física  | 200     | 147         | 0.735               | 1009      | 787         | 0.780               | 200816   | 104419      | 0.520               |
| 1   | 4       | 12     | 313   | <a href="#">Pedro Galli Mercadante</a>  | <br>Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Física de altas energias  | 183     | 139         | 0.760               | 930       | 781         | 0.840               | 165844   | 93601       | 0.564               |
| 2   | 5       | 13     | 339   | <a href="#">SF Novaes</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics Field Theory  | 189     | 139         | 0.735               | 965       | 757         | 0.784               | 179822   | 96215       | 0.535               |
| 2   | 6       | 15     | 350   | <a href="#">Eduardo De Moraes Gregores</a><br>   | <br>Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 188     | 139         | 0.739               | 933       | 749         | 0.803               | 178198   | 95432       | 0.536               |
| 2   | 7       | 16     | 353   | <a href="#">Andre Sznajder</a>  | <br>Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Experimental Particle Physics Higgs Physics and Vector Boson Scattering | 190     | 142         | 0.747               | 941       | 743         | 0.790               | 177230   | 95878       | 0.541               |
| 1   | 8       | 17     | 369   | <a href="#">Marco Leite</a><br>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias Instrumentação                                 | 183     | 149         | 0.814               | 784       | 727         | 0.927               | 204603   | 116111      | 0.567               |















| AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index |         |        |       |   |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 9       | 19     | 410   | <a href="#">Marisilvia Donadelli</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Higgs pair production b-tagging and tau physics.                           | 180     | 146         | 0.811               | 751       | 706         | 0.940               | 166576   | 102014      | 0.612               |
| 2   | 10      | 22     | 509   | <a href="#">Maria Elena Pol</a>   |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                                      | 190     | 136         | 0.716               | 1004      | 656         | 0.653               | 188129   | 91663       | 0.487               |
| 1   | 11      | 23     | 536   | <a href="#">Jose Augusto Chinellato</a><br>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Physics</a><br>particle physics cosmic rays   | 166     | 139         | 0.837               | 682       | 647         | 0.949               | 112801   | 82533       | 0.732               |
| 3   | 12      | 25     | 582   | <a href="#">Dilson De Jesus Damião</a>  |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                                      | 171     | 135         | 0.789               | 659       | 628         | 0.953               | 145774   | 91755       | 0.629               |
| 1   | 13      | 26     | 628   | <a href="#">Murilo Santana Rangel</a><br>    |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Física de partículas   | 150     | 99          | 0.660               | 760       | 608         | 0.800               | 87942    | 44285       | 0.504               |
| 1   | 14      | 27     | 656   | <a href="#">Sergio Tufik</a><br>             |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Social Sciences / Psychology</a><br>Sono Privação de Sono REM Distúrbios do Sono Sonolência e Acidente       | 105     | 62          | 0.590               | 886       | 599         | 0.676               | 52027    | 24138       | 0.464               |
| 2   | 15      | 28     | 660   | <a href="#">Tonelli Manganote EJ</a>  |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas e Campos  | 162     | 135         | 0.833               | 629       | 596         | 0.948               | 113381   | 80482       | 0.710               |
| 1   | 16      | 30     | 669   | <a href="#">Deborah Carvalho Malta</a><br> |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">emUniversidaMinasGerais</a><br>saúde coletiva  | 111     | 94          | 0.847               | 654       | 594         | 0.908               | 97117    | 84948       | 0.875               |
| 1   | 17      | 31     | 684   | <a href="#">Elson Longo</a><br>            |  Brazil | <a href="#">Universidade Federal de São Carlos</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanotechnology Theoretical Chemistry Sensors Varistors Catalysis | 103     | 58          | 0.563               | 996       | 584         | 0.586               | 50243    | 19848       | 0.395               |

|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index  |   |  |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|--|---|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name   | Country   | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 18      | 34     | 816   | <a href="#">Gustavo Gil da Silveira</a><br> | <br>Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Physics</a><br>hep-ex hep-ph  | 139     | 127         | 0.914               | 545       | 534         | 0.980               | 89020    | 70381       | 0.791               |
| 3          | 19      | 38     | 998   | <a href="#">Alexandre Alarcon Do Passo Suaide</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>fisica nuclear fisica de particulas tecnologia da informação   | 166     | 113         | 0.681               | 553       | 494         | 0.893               | 92478    | 43124       | 0.466               |
| 1          | 20      | 39     | 1082  | <a href="#">Carla Göbel</a><br>             | <br>Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 147     | 101         | 0.687               | 582       | 476         | 0.818               | 86995    | 46365       | 0.533               |
| 2          | 21      | 41     | 1177  | <a href="#">Leandro S De Paula</a>   | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Physics  | 134     | 94          | 0.701               | 660       | 461         | 0.698               | 83661    | 42513       | 0.508               |
| 2          | 22      | 42     | 1286  | <a href="#">Mauro Martins Teixeira</a>   | <br>Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Biochemistry</a><br>inflammation leukocyte recruitment infection anti-inflammatory drugs clinical trials | 102     | 65          | 0.637               | 584       | 443         | 0.759               | 43044    | 22372       | 0.520               |
| 3          | 23      | 43     | 1364  | <a href="#">Erica Polycarpo</a>  | <br>Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 128     | 97          | 0.758               | 496       | 431         | 0.869               | 72091    | 42719       | 0.593               |
| 4          | 24      | 44     | 1563  | <a href="#">Marcelo Labruna</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Taxonomia de carrapatos e doenças transmitidas por carrapatos                 | 81      | 54          | 0.667               | 478       | 407         | 0.851               | 29107    | 16779       | 0.576               |
| 1          | 25      | 45     | 1589  | <a href="#">Marcos N Eberlin</a><br>      | <br>Brazil | <a href="#">Universidade Presbiteriana Mackenzie</a>                       | <a href="#">MackenziePresbyterianUniversityEngineering</a><br>Mass Spectrometry (Bio)Chemistry and Origin of Life                                  | 84      | 50          | 0.595               | 638       | 404         | 0.633               | 31228    | 13334       | 0.427               |
| 5          | 26      | 46     | 1664  | <a href="#">Fernando De Queiroz Cunha</a>  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Immunology</a><br>Translacional Research Inflammatory Diseases   | 105     | 58          | 0.552               | 529       | 398         | 0.752               | 41105    | 16067       | 0.391               |










|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index  |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 27      | 47     | 1782  | <a href="#">Cédric Potterat</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 125     | 94          | 0.752               | 416       | 386         | 0.928               | 65388    | 39815       | 0.609               |
| 1          | 28      | 48     | 1812  | <a href="#">Eiji Tanaka</a><br>         |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> |  | 95      | 48          | 0.505               | 657       | 384         | 0.584               | 41761    | 13838       | 0.331               |
| 1          | 29      | 51     | 1960  | <a href="#">Pedro C Hallal</a><br>      |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Universidade Pelotas</a><br>Physical activity epidemiology   | 106     | 68          | 0.642               | 461       | 371         | 0.805               | 72339    | 41292       | 0.571               |
| 1          | 30      | 54     | 2234  | <a href="#">Mauricio L. Barreto</a><br> |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                                       | <a href="#">Senior Investigator, FIOCRUZ and Emeritus Professor, Federal University of Bahia - UFBA.br</a><br>Saúde Coletiva Public Health Social Epidemiology Health Inequalities Social Determinants of Health | 99      | 63          | 0.636               | 479       | 350         | 0.731               | 37502    | 18748       | 0.500               |
| 6          | 31      | 55     | 2332  | <a href="#">Paulo Hilário Nascimento Saldiva</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pathology</a>  | 92      | 58          | 0.630               | 530       | 344         | 0.649               | 35195    | 17570       | 0.499               |
| 5          | 32      | 56     | 2484  | <a href="#">Wanderley Desouza</a>  |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Medical and Health Sciences / Biophysics</a><br>Parasitology Cell Biology  | 81      | 42          | 0.519               | 719       | 336         | 0.467               | 43513    | 16571       | 0.381               |
| 7          | 33      | 62     | 2684  | <a href="#">Paulo Artaxo</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric aerosols Amazonia global climate change   | 114     | 72          | 0.632               | 419       | 325         | 0.776               | 59731    | 25281       | 0.423               |
| 8          | 34      | 63     | 2747  | <a href="#">Isabela Bensenor</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia das doenças crônicas e dos sintomas  | 91      | 83          | 0.912               | 375       | 322         | 0.859               | 103100   | 94648       | 0.918               |
| 2          | 35      | 64     | 2756  | <a href="#">Aluisio JD Barros</a>  |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                       | <a href="#">Universidade Pelotas Brasil</a><br>Health equity Lifecycle epidemiology  | 94      | 70          | 0.745               | 368       | 322         | 0.875               | 49126    | 33283       | 0.678               |













|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index  |   |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|--|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name   | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 36      | 65     | 2790  | <a href="#">Hans J Herrmann</a><br>         | <br>Brazil   | <a href="#">Universidade Federal do Ceará</a>                          | <a href="#">PMMHESPC</a> <a href="#">Paris</a><br>Complex Systems Critical Phenomena Granular Matter Statistical Physics  | 106     | 51          | 0.481               | 585       | 321         | 0.549               | 39856    | 11628       | 0.292               |
| 9          | 37      | 66     | 2846  | <a href="#">Paulo A Lotufo</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia cardiovascular Epidemiologia do diabetes Biomarcadores Atenção Primária a Saúde | 100     | 89          | 0.890               | 390       | 318         | 0.815               | 197501   | 152487      | 0.772               |
| 10         | 38      | 67     | 2847  | <a href="#">Paulo Andrade Lotufo</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>medicina interna epidemiologia  | 99      | 88          | 0.889               | 388       | 318         | 0.820               | 125248   | 109844      | 0.877               |
| 1          | 39      | 68     | 2937  | <a href="#">Fernando C Barros</a><br>       | <br>Brazil   | <a href="#">Universidade Católica de Pelotas</a>                       | <a href="#">UCPEL - UFPEL</a><br>EPIDEMIOLOGIA  | 115     | 67          | 0.583               | 451       | 315         | 0.698               | 47246    | 20577       | 0.436               |
| 11         | 40      | 74     | 3109  | <a href="#">Manoel Jacobsen Teixeira</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neurology</a><br>Neurologia Neurocirurgia Neurocirurgia Funcional Dor Movimentos anormais   | 67      | 45          | 0.672               | 485       | 309         | 0.637               | 20921    | 10947       | 0.523               |
| 1          | 42      | 77     | 3219  | <a href="#">Rui Curi</a><br>                | <br>Brazil   | <a href="#">Universidade Cruzeiro do Sul</a>                           | <a href="#">Medical and Health Sciences / Physiology</a><br>metabolism immune function nutrients  | 94      | 52          | 0.553               | 512       | 305         | 0.596               | 35921    | 14116       | 0.393               |
| 1          | 41      | 76     | 3218  | <a href="#">Alessandro D Loguercio</a><br>  | <br>Brazil   | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>             | <a href="#">Adhesion bonding durability bleaching randomized clinical trial</a><br>Adhesion bonding durability bleaching randomized clinical trial                            | 86      | 58          | 0.674               | 348       | 305         | 0.876               | 23142    | 13589       | 0.587               |
| 3          | 43      | 78     | 3235  | <a href="#">Bernardo Horta</a>   | <br>Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   | 97      | 71          | 0.732               | 352       | 304         | 0.864               | 60980    | 41547       | 0.681               |
| 1          | 44      | 82     | 3555  | <a href="#">Carlos Ricardo Soccol</a><br> | <br>Brazil | <a href="#">Universidade Federal do Paraná</a>                         | <a href="#">Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa </a><br>Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa                             | 88      | 62          | 0.705               | 385       | 293         | 0.761               | 34589    | 17027       | 0.492               |
| 3          | 45      | 84     | 3647  | <a href="#">José Arana Varela</a>  | <br>Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Materials Science Ceramics Física Química   | 92      | 46          | 0.500               | 603       | 291         | 0.483               | 33202    | 10403       | 0.313               |










|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index                                       |  |  |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 12         | 46      | 86     | 3713  | <a href="#">Antonio Carlos Oliveira Da Silva</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics  | 95      | 86          | 0.905               | 303       | 288         | 0.950               | 31180    | 24451       | 0.784               |
| 3          | 47      | 87     | 3764  | <a href="#">Vasco Ariston De Carvalho Azevedo</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Genome transcriptome proteome   | 65      | 46          | 0.708               | 359       | 287         | 0.799               | 22126    | 10529       | 0.476               |
| 4          | 48      | 88     | 3848  | <a href="#">Antonio Luiz P Ribeiro</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology Chagas disease Electrocardiography Cardiovascular epidemiology Telemedicine | 75      | 62          | 0.827               | 376       | 284         | 0.755               | 79763    | 70161       | 0.880               |
| 5          | 49      | 89     | 3857  | <a href="#">Robson Augusto Souza Dos Santos</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>  | Cardiovascular Physiology Renin-angiotensin system Angiotensin-(1-7) Cardiovascular System Hypertension angiotensin receptor                       | 90      | 53          | 0.589               | 368       | 284         | 0.772               | 30228    | 12698       | 0.420               |
| 13         | 50      | 91     | 3973  | <a href="#">Marco Bregant</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>              | IFP  | 104     | 90          | 0.865               | 309       | 280         | 0.906               | 53489    | 31903       | 0.596               |
| 1          | 51      | 92     | 4019  | <a href="#">Marcio AG Maia</a><br> |  Brazil   | <a href="#">Observatorio Nacional</a>                      | <a href="#">Researcher Observatorio Nacional</a><br>Astronomy astrophysics cosmology   | 84      | 77          | 0.917               | 313       | 279         | 0.891               | 36745    | 29850       | 0.812               |
| 2          | 52      | 93     | 4039  | <a href="#">Alessandra Reis</a>   |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Adesão Sistemas adesivos Resina composta Estudos clínicos                   | 84      | 59          | 0.702               | 331       | 279         | 0.843               | 22465    | 13012       | 0.579               |
| 1          | 53      | 95     | 4154  | <a href="#">Sonia Silva Marcon</a>  |  Brazil | <a href="#">Universidade Estadual de Maringá</a>           | <a href="#">History, Philosophy, Theology / Philosophy</a><br>Enfermagem Família Doenças Crônicas Family nursing Nursing                           | 62      | 39          | 0.629               | 388       | 276         | 0.711               | 15383    | 8417        | 0.547               |
| 3          | 54      | 97     | 4207  | <a href="#">Glauca Bovi Ambrosano</a>   |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>  | <a href="#">Medical and Health Sciences / Biostatistics</a><br>Bioestatística  | 67      | 40          | 0.597               | 357       | 275         | 0.770               | 17695    | 8583        | 0.485               |
| 14         | 55      | 98     | 4239  | <a href="#">Oswaldo N Oliveira Jr</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>              | <a href="#">Natural Sciences / Physics</a><br>Physics nanotechnology computational linguistics organic electronics                                 | 73      | 44          | 0.603               | 520       | 274         | 0.527               | 25175    | 10193       | 0.405               |









|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index  |  |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2          | 56      | 99     | 4391  | <a href="#">Celso Vataru Nakamura</a>  |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>            | <a href="#">Medical and Health Sciences / Microbiology</a><br>Ciências Farmacêuticas Biologia Atividade Biológica   | 62      | 43          | 0.694               | 313       | 270         | 0.863               | 16248    | 9042        | 0.556               |
| 1          | 57      | 100    | 4502  | <a href="#">Philip M Fearnside</a><br>            |  Brazil   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a> | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   | 108     | 66          | 0.611               | 445       | 267         | 0.600               | 44778    | 16831       | 0.376               |
| 1          | 58      | 102    | 4511  | <a href="#">Luiz Carlos Bresser Pereira</a><br>   |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomics development macroeconomics social theory political theory                      | 99      | 59          | 0.596               | 460       | 267         | 0.580               | 42910    | 15332       | 0.357               |
| 1          | 59      | 103    | 4527  | <a href="#">Henrique Douglas Coutinho</a><br>     |  Brazil   | <a href="#">Universidade Regional do Cariri URCA</a>        | <a href="#">Medical and Health Sciences / Microbiology</a><br>Microbiologia Produtos naturais   | 51      | 42          | 0.824               | 319       | 267         | 0.837               | 11306    | 8675        | 0.767               |
| 1          | 60      | 104    | 4643  | <a href="#">Luiz HC Mattoso</a>  |  Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Embrapa Instrumentation, Nanotech Lab (LNNA)</a><br>Materials Science Nanotechnology Polymer Science  | 82      | 58          | 0.707               | 364       | 264         | 0.725               | 26380    | 14489       | 0.549               |
| 4          | 63      | 107    | 4758  | <a href="#">Fernando Cendes</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Epilepsy Neuroimaging Neurology Neuroscience  | 85      | 44          | 0.518               | 386       | 262         | 0.679               | 29628    | 11756       | 0.397               |
| 1          | 62      | 106    | 4742  | <a href="#">Ulysses Paulino Albuquerque</a><br> |  Brazil | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">UniversidPernambuco</a><br>cultural evolution conservation science ethnobiology biodiversity human ecology                                    | 75      | 57          | 0.760               | 311       | 262         | 0.842               | 22336    | 12053       | 0.540               |
| 15         | 64      | 108    | 4759  | <a href="#">Manoel Antonio Dos Santos</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Social Sciences / Psychology</a><br>Psicologia Clínica Psicologia da Saúde Sexualidade e Gênero Saúde Mental                                  | 61      | 42          | 0.689               | 378       | 262         | 0.693               | 16312    | 8605        | 0.528               |
| 1          | 61      | 105    | 4738  | <a href="#">Guilherme Luiz Dotto</a>   |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química Engenharia de Alimentos Química Adsorption Wastewater treatment | 61      | 59          | 0.967               | 263       | 262         | 0.996               | 13305    | 11918       | 0.896               |
| 6          | 65      | 110    | 4796  | <a href="#">Geraldo Wilson Fernandes</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Natural Sciences / Biological Science</a><br>Ecology Climate change Conservation Biology Plant resistance Plant-animal interactions           | 70      | 49          | 0.700               | 355       | 261         | 0.735               | 21112    | 11225       | 0.532               |



|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index |  |  |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|--|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 7          | 66      | 111    | 4990  | <a href="#">Saul Paiva</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria Epidemiologia Saúde Coletiva  | 70      | 53          | 0.757               | 297       | 257         | 0.865               | 15449    | 10143       | 0.657               |
| 8          | 67      | 112    | 5141  | <a href="#">Carlos Augusto Rosa</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Medical and Health Sciences / Microbiology</a><br>micologia biologia de leveduras taxonomia de leveduras biodiversidade de leveduras         | 63      | 45          | 0.714               | 349       | 254         | 0.728               | 15849    | 9092        | 0.574               |
| 5          | 68      | 113    | 5179  | <a href="#">Tuula Salo</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral  | 96      | 51          | 0.531               | 338       | 253         | 0.749               | 31653    | 10021       | 0.317               |
| 1          | 69      | 114    | 5184  | <a href="#">Lucindo J Quintans Júnior</a>                                     |  Brazil   | <a href="#">Universidade Federal de Sergipe UFS</a>                    | <a href="#">SergipeBrazil</a><br>Natural products Medicinal Plants Therapeutic innovation and technology Biotechnology Pain                              | 60      | 49          | 0.817               | 276       | 253         | 0.917               | 13617    | 9827        | 0.722               |
| 4          | 70      | 115    | 5238  | <a href="#">Sidney JI Ribeiro</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Inorganic Chemistry Chemistry of Materials Education in Chemistry Photonic Materials Biopolymers | 70      | 45          | 0.643               | 360       | 252         | 0.700               | 18740    | 8932        | 0.477               |
| 2          | 71      | 116    | 5251  | <a href="#">Bruce Bartholow Duncan</a>  |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology Diabetes Cardiovascular disease Obesity                     | 112     | 76          | 0.679               | 310       | 251         | 0.810               | 91204    | 69824       | 0.766               |
| 17         | 73      | 119    | 5290  | <a href="#">Vanderlei Salvador Bagnato</a>                                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>física biofotônica   | 68      | 47          | 0.691               | 431       | 251         | 0.582               | 23293    | 9771        | 0.419               |
| 16         | 72      | 118    | 5272  | <a href="#">Emerson Franchini</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Science Sports Physiology Sports Performance Exercise Physiology Combat Sports     | 71      | 59          | 0.831               | 292       | 251         | 0.860               | 19237    | 12428       | 0.646               |
| 3          | 75      | 122    | 5460  | <a href="#">Jairton Dupont</a>  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>        | <a href="#">Natural Sciences / Chemical Sciences</a><br>líquidos iônicos   | 89      | 47          | 0.528               | 329       | 248         | 0.754               | 37671    | 10103       | 0.268               |











|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index   |   |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 74      | 121    | 5417  | <a href="#">José F Siqueira Jr</a><br>   | <br>Brazil   | <a href="#">Universidade Estácio de Sá</a>                             | <a href="#">Medical and Health Sciences / Endodontics</a><br>Endodontia Microbiologia Oral Odontologia Endodontics Dentistry  | 106     | 70          | 0.660               | 287       | 248         | 0.864               | 37262    | 16995       | 0.456               |
| 1          | 76      | 123    | 5570  | <a href="#">José Cola Zanuncio</a>  | <br>Brazil   | <a href="#">Universidade Federal de Viçosa UFV</a>                     | <a href="#">Natural Sciences / Biological Science</a><br>Biological Control Forest Entomology Forest Science Pest Management Scientific Writing   | 54      | 34          | 0.630               | 486       | 246         | 0.506               | 16437    | 7452        | 0.453               |
| 18         | 77      | 125    | 5632  | <a href="#">Carlos Augusto Monteiro</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition Public Health Diet Food processing   | 119     | 84          | 0.706               | 387       | 244         | 0.630               | 64036    | 31481       | 0.492               |
| 19         | 78      | 127    | 5769  | <a href="#">José Alexandre De Souza Crippa</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências Psiquiatria   | 82      | 64          | 0.780               | 296       | 242         | 0.818               | 24904    | 15306       | 0.615               |
| 1          | 79      | 128    | 5874  | <a href="#">Adair Roberto Soares Dos Santos</a>   | <br>Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>            | Neurobiologia da dor e inflamação   | 79      | 43          | 0.544               | 301       | 241         | 0.801               | 21365    | 8590        | 0.402               |
| 5          | 80      | 129    | 5934  | <a href="#">Célio FB Haddad</a>   | <br>Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Amphibians Ecology Behavior Conservation Evolution   | 76      | 49          | 0.645               | 328       | 240         | 0.732               | 28627    | 11625       | 0.406               |
| 1          | 81      | 130    | 5937  | <a href="#">Felipe Dal Pizzol</a><br>  | <br>Brazil   | <a href="#">Universidade do Extremo Sul Catarinense UNESC</a>          | <a href="#">UniversidExtremoSulCatarinense</a><br>sepsis inflammation brain dysfunction antioxidants  | 79      | 48          | 0.608               | 336       | 240         | 0.714               | 19882    | 9094        | 0.457               |
| 6          | 82      | 131    | 5980  | <a href="#">Nelson Durán</a>  | <br>Brazil  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>              | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanobiotechnology   | 92      | 64          | 0.696               | 406       | 239         | 0.589               | 35622    | 16210       | 0.455               |
| 2          | 83      | 132    | 6001  | <a href="#">Mariangela Hungria</a><br> | <br>Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a>            | <a href="#">Embrapa Soja, Londrina, State of Paraná, Brazil</a><br>Biological nitrogen fixation Soil microbiology Microbial inoculants and inoculation Taxonomy and phylogeny of rhizobia Genom | 86      | 57          | 0.663               | 311       | 239         | 0.768               | 23856    | 12151       | 0.509               |

|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 4          | 84      | 133    | 6096  | <a href="#">Diogo O Souza</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Biochemistry neuroscience bioenergetics and brain guanosine.]    | 78      | 44          | 0.564               | 409       | 238         | 0.582               | 23064    | 8188        | 0.355               |
| 7          | 85      | 136    | 6227  | <a href="#">Sinhoreti MA</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentistry Composite Adhesive systems                                | 64      | 42          | 0.656               | 361       | 236         | 0.654               | 16513    | 7671        | 0.465               |
| 4          | 86      | 137    | 6287  | <a href="#">Flavio Fernando Demarco</a>                                       |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Vice Dean for Research and Innovation</a><br>Oral Health Epidemiology Clinical trials Pulp tissue engineering      | 74      | 54          | 0.730               | 280       | 235         | 0.839               | 17895    | 10826       | 0.605               |
| 5          | 87      | 139    | 6316  | <a href="#">Maria Inês Schmidt</a>  |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">UFRGS</a><br>Medicina Epidemiologia  | 106     | 75          | 0.708               | 284       | 234         | 0.824               | 94000    | 71689       | 0.763               |
| 21         | 89      | 141    | 6445  | <a href="#">Luisa Lina Villa</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>câncer epidemiologia biologia molecular papilomavirus humano | 85      | 48          | 0.565               | 308       | 233         | 0.756               | 34846    | 9707        | 0.279               |
| 22         | 90      | 142    | 6452  | <a href="#">Marilia Afonso Rabelo Buzalaf</a>                                 |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Oral Cariologia Erosao dentária Proteomica            | 63      | 45          | 0.714               | 314       | 233         | 0.742               | 15317    | 8391        | 0.548               |
| 20         | 88      | 140    | 6444  | <a href="#">Marco Antonio Hungaro Duarte</a>                                  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia  | 66      | 49          | 0.742               | 276       | 233         | 0.844               | 15012    | 9359        | 0.623               |
| 6          | 91      | 145    | 6687  | <a href="#">Patricia RM Rocco</a>   |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">RioJaneiro</a><br>respiratory physiology intensive care medicine anesthesia  | 60      | 43          | 0.717               | 285       | 230         | 0.807               | 13305    | 8237        | 0.619               |
| 6          | 92      | 146    | 6742  | <a href="#">Silvia H Koller</a>   |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>Psychology   | 77      | 53          | 0.688               | 304       | 229         | 0.753               | 24499    | 11046       | 0.451               |







|            |         |        |       | AD Scientific Index - 2023 Table VII B. Brazil Top 100 Last 5 Years i10 Index |  |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 23         | 93      | 147    | 6828  | <a href="#">Berenice Bilharinho De Mendonça</a>                               |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Endocrinology and Metabolism</a><br>Endocrinologia e Metabologia                            | 78      | 45          | 0.577               | 361       | 228         | 0.632               | 23602    | 8677        | 0.368               |
| 24         | 94      | 148    | 6833  | <a href="#">Eloisa Bonfa</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Rheumatology</a>  | 64      | 41          | 0.641               | 301       | 228         | 0.757               | 15361    | 7543        | 0.491               |
| 25         | 95      | 149    | 6855  | <a href="#">Marcos Lima</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>Physics Astrophysics Cosmology  | 76      | 66          | 0.868               | 232       | 227         | 0.978               | 33517    | 23962       | 0.715               |
| 9          | 96      | 150    | 6894  | <a href="#">Sandhi Maria Barreto</a>  |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia de Doenças Crônicas Não Transmissíveis  | 74      | 50          | 0.676               | 287       | 227         | 0.791               | 24206    | 11915       | 0.492               |
| 2          | 97      | 153    | 7059  | <a href="#">Bernardo Baldisserotto</a>  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>                   | <a href="#">Agriculture &amp; Forestry / Fisheries</a><br>fish physiology aquatic animals anesthesia fish osmoregulation fish culture | 54      | 44          | 0.815               | 266       | 225         | 0.846               | 12556    | 7882        | 0.628               |
| 1          | 98      | 154    | 7159  | <a href="#">João Paulo Domingos Silva</a>                                     |  Brazil   | <a href="#">Pontificia Universidade Católica do Minas Gerais PUC MINAS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence  | 88      | 69          | 0.784               | 294       | 223         | 0.759               | 31910    | 19152       | 0.600               |
| 2          | 99      | 155    | 7208  | <a href="#">Filipe Dantas-Torres</a>  |  Brazil  | <a href="#">Fundação Oswaldo Cruz</a>                                      | <a href="#">Centro de Pesquisas Aggeu Magalhaes. Fiocruz</a><br>Parasitologia Veterinaria e Saúde Pública                             | 65      | 46          | 0.708               | 263       | 223         | 0.848               | 16914    | 10250       | 0.606               |
| 7          | 100     | 156    | 7211  | <a href="#">Jose Claudio Fonseca Moreira</a>                                  |  Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Medical and Health Sciences / Biochemistry</a><br>Bioquímica Biologia Molecular Bioquímica ecologica Biologia de sistemas | 67      | 45          | 0.672               | 319       | 223         | 0.699               | 16460    | 8159        | 0.496               |




**Table VII C. Brazil Top 100 Last 5 Years H Index**






| AD Scientific Index - 2023 Table VII C. Brazil Top 100 Last 5 Years H Index |         |        |       |   |   |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|---|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 1       | 9      | 183   | <a href="#">Marco Leite</a><br>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias Instrumentação                                 | 183     | 149         | 0.814               | 784       | 727         | 0.927               | 204603   | 116111      | 0.567               |
| 1   | 2       | 11     | 205   | <a href="#">Luiz Mundim</a><br>               | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Física  | 200     | 147         | 0.735               | 1009      | 787         | 0.780               | 200816   | 104419      | 0.520               |
| 2   | 3       | 12     | 217   | <a href="#">Marisilvia Donadelli</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Higgs pair production b-tagging and tau physics.                        | 180     | 146         | 0.811               | 751       | 706         | 0.940               | 166576   | 102014      | 0.612               |
| 1   | 4       | 14     | 240   | <a href="#">Sandra Dos Santos Padula</a><br>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 192     | 145         | 0.755               | 914       | 847         | 0.927               | 155023   | 92818       | 0.599               |
| 2   | 5       | 16     | 277   | <a href="#">Andre Sznajder</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Experimental Particle Physics Higgs Physics and Vector Boson Scattering | 190     | 142         | 0.747               | 941       | 743         | 0.790               | 177230   | 95878       | 0.541               |
| 1   | 6       | 21     | 328   | <a href="#">Gilvan Augusto Alves</a><br>  | <br><a href="#">Brazil</a> | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Physics Particle Physics High Energy Physics                            | 197     | 139         | 0.706               | 1066      | 802         | 0.752               | 201081   | 98709       | 0.491               |
| 2   | 7       | 22     | 331   | <a href="#">SF Novaes</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics Field Theory  | 189     | 139         | 0.735               | 965       | 757         | 0.784               | 179822   | 96215       | 0.535               |
| 1   | 8       | 23     | 332   | <a href="#">Eduardo De Moraes Gregores</a><br>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 188     | 139         | 0.739               | 933       | 749         | 0.803               | 178198   | 95432       | 0.536               |












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| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 9       | 24     | 335   | <a href="#">Pedro Galli Mercadante</a>   |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                          | <a href="#">Natural Sciences / Physics</a><br>Física de altas energias                                     | 183     | 139         | 0.760               | 930       | 781         | 0.840               | 165844   | 93601       | 0.564               |
| 1   | 10      | 25     | 339   | <a href="#">Jose Augusto Chinellato</a><br>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>particle physics cosmic rays                                 | 166     | 139         | 0.837               | 682       | 647         | 0.949               | 112801   | 82533       | 0.732               |
| 2   | 11      | 28     | 377   | <a href="#">Maria Elena Pol</a>  |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>            | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                        | 190     | 136         | 0.716               | 1004      | 656         | 0.653               | 188129   | 91663       | 0.487               |
| 3   | 12      | 29     | 393   | <a href="#">Dilson De Jesus Damião</a>   |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias                        | 171     | 135         | 0.789               | 659       | 628         | 0.953               | 145774   | 91755       | 0.629               |
| 2   | 13      | 30     | 395   | <a href="#">Tonelli Manganote EJ</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas e Campos                                | 162     | 135         | 0.833               | 629       | 596         | 0.948               | 113381   | 80482       | 0.710               |
| 1   | 14      | 32     | 489   | <a href="#">Gustavo Gil da Silveira</a><br> |  Brazil  | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Physics</a><br>hep-ex hep-ph  | 139     | 127         | 0.914               | 545       | 534         | 0.980               | 89020    | 70381       | 0.791               |
| 3   | 15      | 35     | 677   | <a href="#">Alexandre Alarcon Do Passo Suaide</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Natural Sciences / Physics</a><br>física nuclear física de partículas tecnologia da informação | 166     | 113         | 0.681               | 553       | 494         | 0.893               | 92478    | 43124       | 0.466               |
| 1   | 16      | 41     | 979   | <a href="#">Carla Göbel</a><br>             |  Brazil | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 147     | 101         | 0.687               | 582       | 476         | 0.818               | 86995    | 46365       | 0.533               |

















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|------------|---------|--------|-------|---|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 17      | 45     | 1059  | <a href="#">Murilo Santana Rangel</a><br>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Physics</a><br>Física de partículas  | 150     | 99          | 0.660               | 760       | 608         | 0.800               | 87942    | 44285       | 0.504               |
| 2          | 18      | 49     | 1134  | <a href="#">Erica Polycarpo</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 128     | 97          | 0.758               | 496       | 431         | 0.869               | 72091    | 42719       | 0.593               |
| 1          | 19      | 51     | 1250  | <a href="#">Deborah Carvalho Malta</a><br> | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a> | <a href="#">emUniversida Minas Gerais</a><br>saúde coletiva   | 111     | 94          | 0.847               | 654       | 594         | 0.908               | 97117    | 84948       | 0.875               |
| 3          | 20      | 52     | 1270  | <a href="#">Leandro S De Paula</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Physics</a><br>Physics   | 134     | 94          | 0.701               | 660       | 461         | 0.698               | 83661    | 42513       | 0.508               |
| 4          | 21      | 53     | 1274  | <a href="#">Cédric Potterat</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio de Janeiro</a>    | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 125     | 94          | 0.752               | 416       | 386         | 0.928               | 65388    | 39815       | 0.609               |
| 4          | 22      | 57     | 1546  | <a href="#">Marco Bregant</a>   | <br><a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">IFP</a>   | 104     | 90          | 0.865               | 309       | 280         | 0.906               | 53489    | 31903       | 0.596               |
| 5          | 23      | 58     | 1557  | <a href="#">Paulo A Lotufo</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia cardiovascular Epidemiologia do diabetes Biomarcadores Atenção Primária a Saúde | 100     | 89          | 0.890               | 390       | 318         | 0.815               | 197501   | 152487      | 0.772               |
| 6          | 24      | 59     | 1625  | <a href="#">Paulo Andrade Lotufo</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>medicina interna epidemiologia  | 99      | 88          | 0.889               | 388       | 318         | 0.820               | 125248   | 109844      | 0.877               |
| 7          | 25      | 60     | 1861  | <a href="#">Antonio Carlos Oliveira Da Silva</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics   | 95      | 86          | 0.905               | 303       | 288         | 0.950               | 31180    | 24451       | 0.784               |
| 8          | 26      | 62     | 2012  | <a href="#">Carlos Augusto Monteiro</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition Public Health Diet Food processing   | 119     | 84          | 0.706               | 387       | 244         | 0.630               | 64036    | 31481       | 0.492               |

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| University | Country | Region | World | Name   | Country  | University                                      | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 9          | 27      | 63     | 2053  | <a href="#">Isabela Bensor</a>   |  Brazil   | Universidade de São Paulo USP                   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia das doenças crônicas e dos sintomas                      | 91      | 83          | 0.912               | 375       | 322         | 0.859               | 103100   | 94648       | 0.918               |
| 1          | 28      | 66     | 2686  | <a href="#">Odylio D Aguiar</a><br> |  Brazil   | Instituto Nacional de Pesquisas Espaciais       | <a href="#">Natural Sciences / Physics</a><br>Gravitational Wave Detection   | 84      | 78          | 0.929               | 183       | 163         | 0.891               | 66273    | 61010       | 0.921               |
| 1          | 29      | 67     | 2910  | <a href="#">Marcio AG Maia</a><br>  |  Brazil   | Observatorio Nacional                           | <a href="#">Researcher Observatorio Nacional</a><br>Astronomy astrophysics cosmology   | 84      | 77          | 0.917               | 313       | 279         | 0.891               | 36745    | 29850       | 0.812               |
| 2          | 30      | 69     | 2986  | <a href="#">Bruce Bartholow Duncan</a>   |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology Diabetes Cardiovascular disease Obesity                   | 112     | 76          | 0.679               | 310       | 251         | 0.810               | 91204    | 69824       | 0.766               |
| 2          | 31      | 70     | 2990  | <a href="#">Marcio Constancio Junior</a>   |  Brazil   | Instituto Nacional de Pesquisas Espaciais       | <a href="#">Natural Sciences / Physics</a><br>Ondas gravitacionais LIGO  | 81      | 76          | 0.938               | 135       | 135         | 1.000               | 63650    | 59353       | 0.932               |
| 3          | 32      | 72     | 3161  | <a href="#">Maria Inês Schmidt</a>   |  Brazil   | Universidade Federal do Rio Grande do Sul UFRGS | <a href="#">UFRGS</a><br>Medicina Epidemiologia  | 106     | 75          | 0.708               | 284       | 234         | 0.824               | 94000    | 71689       | 0.763               |
| 5          | 33      | 74     | 3335  | <a href="#">Rodrigo A Pereira</a>  |  Brazil | Universidade Federal do Rio de Janeiro          | <a href="#">Engineering &amp; Technology / Electrical &amp; Electronic Engineering</a><br>Data Engineer Signal Processing Particle Physics High Energy | 75      | 75          | 1.000               | 162       | 162         | 1.000               | 17293    | 17196       | 0.994               |
| 10         | 34      | 77     | 3771  | <a href="#">Paulo Artaxo</a>   |  Brazil | Universidade de São Paulo USP                   | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric aerosols Amazonia global climate change           | 114     | 72          | 0.632               | 419       | 325         | 0.776               | 59731    | 25281       | 0.423               |
| 1          | 35      | 79     | 3927  | <a href="#">Bernardo Horta</a>   |  Brazil | Universidade Federal de Pelotas UFPEL           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia  | 97      | 71          | 0.732               | 352       | 304         | 0.864               | 60980    | 41547       | 0.681               |








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| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 11  | 36      | 80     | 4050  | <a href="#">Janaina Michele De Oliveira Silva</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Social Sciences / Linguistics and Literature</a><br>Língua Portuguesa Mídia Análise do Discurso Linguística Educação.   | 87      | 71          | 0.816               | 243       | 194         | 0.798               | 31918    | 20531       | 0.643               |
| 3   | 38      | 82     | 4189  | <a href="#">Alexandre Redson Soares Da Silva</a>   |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">nMedicinVeterináriFMVZcampusBotu</a><br>Diagnóstico por Imagem  | 90      | 70          | 0.778               | 234       | 183         | 0.782               | 51954    | 29507       | 0.568               |
| 2   | 37      | 81     | 4173  | <a href="#">Aluisio JD Barros</a>  |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                      | <a href="#">UniversidaPelotasBrasil</a><br>Health equity Lifecycle epidemiology   | 94      | 70          | 0.745               | 368       | 322         | 0.875               | 49126    | 33283       | 0.678               |
| 1   | 40      | 86     | 4359  | <a href="#">José F Siqueira Jr</a><br>          |  Brazil   | <a href="#">Universidade Estácio de Sá</a>                                 | <a href="#">Medical and Health Sciences / Endodontics</a><br>Endodontia Microbiologia Oral Odontologia Endodontics Dentistry  | 106     | 70          | 0.660               | 287       | 248         | 0.864               | 37262    | 16995       | 0.456               |
| 3   | 39      | 83     | 4251  | <a href="#">Flávia Sobreira</a>  |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | <a href="#">Natural Sciences / Physics</a><br>fisica astronomia cosmologia  | 73      | 70          | 0.959               | 216       | 213         | 0.986               | 24335    | 22717       | 0.934               |
| 1   | 41      | 87     | 4554  | <a href="#">João Paulo Domingos Silva</a><br> |  Brazil  | <a href="#">Pontificia Universidade Católica do Minas Gerais PUC MINAS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence  | 88      | 69          | 0.784               | 294       | 223         | 0.759               | 31910    | 19152       | 0.600               |
| 12  | 42      | 88     | 4574  | <a href="#">João Paulo Souza</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Social Sciences / Social Sciences</a><br>Sexual and Reproductive Health and Rights Maternal Health Social Epidemiology Medical Sociology Emergency Preparedness and R | 84      | 69          | 0.821               | 176       | 166         | 0.943               | 26459    | 18227       | 0.689               |
| 3   | 43      | 90     | 4646  | <a href="#">Pedro C Hallal</a><br>            |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>                      | <a href="#">UniversidaPelotas</a><br>Physical activity epidemiology   | 106     | 68          | 0.642               | 461       | 371         | 0.805               | 72339    | 41292       | 0.571               |
| 1   | 44      | 91     | 5050  | <a href="#">Fernando C Barros</a><br>         |  Brazil | <a href="#">Universidade Católica de Pelotas</a>                           | <a href="#">UCPEL - UFPEL</a><br>EPIDEMIOLOGIA  | 115     | 67          | 0.583               | 451       | 315         | 0.698               | 47246    | 20577       | 0.436               |










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| University  | Country | Region | World | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 46      | 95     | 5431  | <a href="#">Philip M Fearnside</a><br>    | <br><a href="#">Brazil</a>   | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>     | <a href="#">Natural Sciences / Biological Science</a><br>ecologia  | 108     | 66          | 0.611               | 445       | 267         | 0.600               | 44778    | 16831       | 0.376               |
| 13  | 45      | 94     | 5271  | <a href="#">Marcos Lima</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Physics Astrophysics Cosmology   | 76      | 66          | 0.868               | 232       | 227         | 0.978               | 33517    | 23962       | 0.715               |
| 2   | 47      | 98     | 5628  | <a href="#">Mauro Martins Teixeira</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Biochemistry</a><br>inflammation leukocyte recruitment infection anti-inflammatory drugs clinical trials   | 102     | 65          | 0.637               | 584       | 443         | 0.759               | 43044    | 22372       | 0.520               |
| 2   | 48      | 99     | 5648  | <a href="#">Ricardo Ogando</a>   | <br><a href="#">Brazil</a>   | <a href="#">Observatorio Nacional</a>                           | <a href="#">Natural Sciences / Physics</a><br>Astrophysics Galaxy Clusters Programming   | 69      | 65          | 0.942               | 187       | 176         | 0.941               | 25320    | 21206       | 0.838               |
| 4   | 49      | 102    | 6143  | <a href="#">Nelson Durán</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanobiotechnology  | 92      | 64          | 0.696               | 406       | 239         | 0.589               | 35622    | 16210       | 0.455               |
| 14  | 50      | 103    | 6181  | <a href="#">José Alexandre De Souza Crippa</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Neuroscience</a><br>Neurociências Psiquiatria  | 82      | 64          | 0.780               | 296       | 242         | 0.818               | 24904    | 15306       | 0.615               |
| 1   | 51      | 105    | 6399  | <a href="#">Mauricio L. Barreto</a><br> | <br><a href="#">Brazil</a> | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Senior Investigator, FIOCRUZ and Emeritus Professor, Federal University of Bahia - UFBA.br</a><br>Saúde Coletiva Public Health Social Epidemiology Health Inequalities Social Determinants of Health | 99      | 63          | 0.636               | 479       | 350         | 0.731               | 37502    | 18748       | 0.500               |
| 4   | 52      | 107    | 6631  | <a href="#">Eder Lima</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>Chemistry Environmental Sciences Material Chemistry Chemical Engineering Physical-Chemistry  | 73      | 63          | 0.863               | 219       | 192         | 0.877               | 18126    | 12109       | 0.668               |
| 3   | 53      | 109    | 6647  | <a href="#">Antonio Luiz P Ribeiro</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology Chagas disease Electrocardiography Cardiovascular epidemiology Telemedicine   | 75      | 62          | 0.827               | 376       | 284         | 0.755               | 79763    | 70161       | 0.880               |







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| University | Country | Region | World | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1          | 54      | 110    | 6702  | <a href="#">Sergio Tufik</a><br>                  | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>   | <a href="#">Social Sciences / Psychology</a><br>Sono Privação de Sono REM Distúrbios do Sono Sonolência e Acidente  | 105     | 62          | 0.590               | 886       | 599         | 0.676               | 52027    | 24138       | 0.464               |
| 1          | 55      | 112    | 6839  | <a href="#">Carlos Ricardo Soccol</a><br>         | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Paraná</a>              | <a href="#">Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa</a><br>Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa                    | 88      | 62          | 0.705               | 385       | 293         | 0.761               | 34589    | 17027       | 0.492               |
| 15         | 56      | 114    | 7067  | <a href="#">Houtan Noushmehr</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Bioinformatics Cancer Genomics Epigenomics Glioma  | 63      | 61          | 0.968               | 96        | 94          | 0.979               | 47139    | 38273       | 0.812               |
| 16         | 57      | 116    | 7542  | <a href="#">Jose Carlos Nicolau</a>  | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical</a><br>Medicine   | 78      | 60          | 0.769               | 222       | 154         | 0.694               | 47401    | 27801       | 0.587               |
| 1          | 58      | 118    | 8022  | <a href="#">Diego Augusto Santos Silva</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Santa Catarina UFSC</a> | Kinesiology Physical Activity Epidemiology Body Composition Public Health   | 70      | 59          | 0.843               | 247       | 212         | 0.858               | 85221    | 79491       | 0.933               |
| 1          | 60      | 123    | 8283  | <a href="#">Luiz Carlos Bresser Pereira</a><br> | <br><a href="#">Brazil</a>  | <a href="#">Fundação Getulio Vargas FGV</a>                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomics development macroeconomics social theory political theory                                | 99      | 59          | 0.596               | 460       | 267         | 0.580               | 42910    | 15332       | 0.357               |
| 5          | 64      | 127    | 8511  | <a href="#">Carlos Ourivio Escobar</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Campinas UNICAMP</a>   | PARTICLE PHYSICS QUANTUM PHYSICS ASTROPARTICLOE PHYSICS ATOMIC PHYSICS MATHEMATICAL PHYSICS   | 90      | 59          | 0.656               | 241       | 156         | 0.647               | 32827    | 11755       | 0.358               |
| 17         | 59      | 120    | 8189  | <a href="#">Andre Russowsky Brunoni</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSão Paulo</a><br>non-invasive brain stimulation repetitive transcranial magnetic stimulation transcranial direct current stimulation major dep | 69      | 59          | 0.855               | 230       | 220         | 0.957               | 22634    | 17816       | 0.787               |
| 1          | 61      | 124    | 8428  | <a href="#">Alessandra Reis</a>  | <br><a href="#">Brazil</a> | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontologia Adesão Sistemas adesivos Resina composta Estudos clínicos                                    | 84      | 59          | 0.702               | 331       | 279         | 0.843               | 22465    | 13012       | 0.579               |


|            |         |        |       | AD Scientific Index - 2023 Table VII C. Brazil Top 100 Last 5 Years H Index   |  |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 18         | 62      | 125    | 8477  | <a href="#">Emerson Franchini</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Sport Science</a><br>Sports Science Sports Physiology Sports Performance Exercise Physiology Combat Sports      | 71      | 59          | 0.831               | 292       | 251         | 0.860               | 19237    | 12428       | 0.646               |
| 1          | 63      | 126    | 8498  | <a href="#">Guilherme Luiz Dotto</a>  |  Brazil   | <a href="#">Universidade Federal de Santa Maria UFSM</a>    | <a href="#">Engineering &amp; Technology / Chemical Engineering</a><br>Engenharia Química Engenharia de Alimentos Química Adsorption Wastewater treatment | 61      | 59          | 0.967               | 263       | 262         | 0.996               | 13305    | 11918       | 0.896               |
| 19         | 65      | 128    | 8566  | <a href="#">Itamar Santos *</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">ClínicMédicMedicinP</a>   | 60      | 58          | 0.967               | 157       | 151         | 0.962               | 108073   | 102606      | 0.949               |
| 1          | 66      | 129    | 8688  | <a href="#">Elson Longo</a><br>              |  Brazil   | <a href="#">Universidade Federal de São Carlos</a>          | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanotechnology Theoretical Chemistry Sensors Varistors Catalysis                                  | 103     | 58          | 0.563               | 996       | 584         | 0.586               | 50243    | 19848       | 0.395               |
| 22         | 70      | 133    | 8786  | <a href="#">Fernando De Queiroz Cunha</a>   |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Immunology</a><br>Translacional Research Inflammatory Diseases  | 105     | 58          | 0.552               | 529       | 398         | 0.752               | 41105    | 16067       | 0.391               |
| 21         | 69      | 132    | 8740  | <a href="#">Paulo Hilário Nascimento Saldiva</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Pathology</a>   | 92      | 58          | 0.630               | 530       | 344         | 0.649               | 35195    | 17570       | 0.499               |
| 1          | 68      | 131    | 8723  | <a href="#">Paulo Sérgio Boggio</a>   |  Brazil  | <a href="#">Universidade Presbiteriana Mackenzie</a>        | <a href="#">Social Sciences / Psychology</a><br>Neuroscience Cognition Psychology   | 75      | 58          | 0.773               | 144       | 132         | 0.917               | 32430    | 18231       | 0.562               |
| 20         | 67      | 130    | 8699  | <a href="#">Raul D Santos</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">Medical and Health Sciences / Cardiology</a><br>cardiology endocrinology nutrition  | 75      | 58          | 0.773               | 270       | 208         | 0.770               | 28945    | 19188       | 0.663               |
| 1          | 72      | 135    | 8886  | <a href="#">Luiz HC Mattoso</a>   |  Brazil | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Embrapa Instrumentation, Nanotech Lab (LNNA)</a><br>Materials Science Nanotechnology Polymer Science  | 82      | 58          | 0.707               | 364       | 264         | 0.725               | 26380    | 14489       | 0.549               |
| 2          | 73      | 136    | 8951  | <a href="#">Alessandro D Loguercio</a><br> |  Brazil | <a href="#">Universidade Estadual de Ponta Grossa UEPG</a>  | <a href="#">Adhesion bonding durability bleaching randomized clinical trial </a><br>Adhesion bonding durability bleaching randomized clinical trial       | 86      | 58          | 0.674               | 348       | 305         | 0.876               | 23142    | 13589       | 0.587               |



| AD Scientific Index - 2023 Table VII C. Brazil Top 100 Last 5 Years H Index |         |        |       |  |   |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|--|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 71      | 134    | 8868  | <a href="#">Luiz Aragao</a>                              | <br>Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>   | <a href="#">National Institute for Space Research</a><br>Tropical forest functioning carbon cycle environmental change remote sensing   | 67      | 58          | 0.866               | 184       | 177         | 0.962               | 21512    | 14695       | 0.683               |
| 1   | 74      | 137    | 9099  | <a href="#">Gauss M Cordeiro Gauss Moutinho Cordeiro</a> | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">Natural Sciences / Statistics</a><br>Mathematics Statistics   | 69      | 58          | 0.841               | 288       | 220         | 0.764               | 17848    | 11944       | 0.669               |
| 6   | 75      | 142    | 9498  | <a href="#">João Rt De Mello Neto</a>                    | <br>Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>      | <a href="#">Natural Sciences / Physics</a><br>Astroparticles Neutrino Physics High Energy Physics   | 93      | 57          | 0.613               | 213       | 140         | 0.657               | 36020    | 13981       | 0.388               |
| 2   | 77      | 144    | 9658  | <a href="#">Mariangela Hungria</a>                       | <br>Brazil   | <a href="#">Empresa Brasileira de Pesquisa Agropecuaria</a> | <a href="#">Embrapa Soja, Londrina, State of Paraná, Brazil</a><br>Biological nitrogen fixation Soil microbiology Microbial inoculants and inoculation Taxonomy and phylogeny of rhizobia Genom | 86      | 57          | 0.663               | 311       | 239         | 0.768               | 23856    | 12151       | 0.509               |
| 2   | 78      | 145    | 9668  | <a href="#">Ulysses Paulino Albuquerque</a>              | <br>Brazil   | <a href="#">Universidade Federal de Pernambuco</a>          | <a href="#">UniversidPernambuco</a><br>cultural evolution conservation science ethnobiology biodiversity human ecology  | 75      | 57          | 0.760               | 311       | 262         | 0.842               | 22336    | 12053       | 0.540               |
| 23  | 76      | 143    | 9609  | <a href="#">Jaime E Hallak</a>                           | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>               | <a href="#">UniversidSÃO Paulo</a><br>Psiquiatria Neurociências   | 71      | 57          | 0.803               | 249       | 200         | 0.803               | 19238    | 12779       | 0.664               |
| 4   | 80      | 150    | 9930  | <a href="#">Ado Jorio</a>                                | <br>Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>   | <a href="#">Natural Sciences / Physics</a><br>nanoscience carbon Raman spectroscopy tip-enhanced Raman spectroscopy near-field optics   | 93      | 56          | 0.602               | 213       | 159         | 0.746               | 53063    | 20761       | 0.391               |
| 1   | 79      | 149    | 9916  | <a href="#">Dermeval Saviani</a>                         | <br>Brazil | <a href="#">Universidade Federal do Espírito Santo</a>      | <a href="#">Education / Education</a><br>Pedagogia. Filosofia da Educação. História da Educação.  | 74      | 56          | 0.757               | 192       | 142         | 0.740               | 50744    | 22561       | 0.445               |
| 2   | 83      | 157    | 10496 | <a href="#">Isabela N Rôças</a>                          | <br>Brazil | <a href="#">Universidade Estácio de Sá</a>                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia Microbiologia Oral Odontologia Endodontics Dentistry  | 85      | 56          | 0.659               | 186       | 160         | 0.860               | 21413    | 10072       | 0.470               |

| AD Scientific Index - 2023 Table VII C. Brazil Top 100 Last 5 Years H Index |         |        |       |   |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name                                    | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3   | 81      | 154    | 10365 | <a href="#">Marcelo Tabarelli</a>       |  Brazil   | <a href="#">Universidade Federal de Pernambuco</a>              | <a href="#">UFPE</a><br>tropical ecology conservation biology  | 74      | 56          | 0.757               | 184       | 156         | 0.848               | 20761    | 11547       | 0.556               |
| 2   | 82      | 155    | 10400 | <a href="#">Fernando A. Bozza</a>       |  Brazil   | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Senior Scientist, Oswaldo Cruz Foundation (FIOCRUZ), and IDOR, Rio de Janeiro, Brazil</a><br>Medicine Critical Care Infectious Diseases Inflammation Sepsis          | 68      | 56          | 0.824               | 171       | 160         | 0.936               | 15686    | 11244       | 0.717               |
| 2   | 84      | 160    | 11147 | <a href="#">Arnaldo Lopes Colombo</a>   |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Diagnóstico e Tratamento de infecções fúngicas                                     | 77      | 55          | 0.714               | 210       | 157         | 0.748               | 21327    | 10764       | 0.505               |
| 1   | 86      | 165    | 11425 | <a href="#">Alvaro A Cruz</a>           |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                   | <a href="#">ProARBahi</a><br>asma rinite alérgica saúde pública  | 72      | 54          | 0.750               | 250       | 198         | 0.792               | 32493    | 16512       | 0.508               |
| 24  | 85      | 164    | 11415 | <a href="#">Marcelo Labruna</a>         |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Veterinary Sciences</a><br>Taxonomia de carrapatos e doenças transmitidas por carrapatos   | 81      | 54          | 0.667               | 478       | 407         | 0.851               | 29107    | 16779       | 0.576               |
| 5   | 87      | 166    | 11538 | <a href="#">Basílio Xavier Santiago</a> |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Physics</a><br>Astrofísica  | 67      | 54          | 0.806               | 167       | 121         | 0.725               | 20151    | 13966       | 0.693               |
| 25  | 88      | 168    | 11853 | <a href="#">Antonio Waldo Zuardi</a>    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry   | 71      | 54          | 0.761               | 199       | 149         | 0.749               | 19820    | 11209       | 0.566               |
| 4   | 89      | 169    | 11915 | <a href="#">Flavio Fernando Demarco</a> |  Brazil | <a href="#">Universidade Federal de Pelotas UFPEL</a>           | <a href="#">Vice Dean for Research and Innovation</a><br>Oral Health Epidemiology Clinical trials Pulp tissue engineering  | 74      | 54          | 0.730               | 280       | 235         | 0.839               | 17895    | 10826       | 0.605               |
| 7   | 91      | 171    | 12079 | <a href="#">Sandro C Esteves</a>        |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Urology</a><br>Male & female reproduction Andrology Reproductive endocrinology Quality management Assisted Reproductive Technology ... | 63      | 54          | 0.857               | 186       | 159         | 0.855               | 12299    | 9535        | 0.775               |












|            |         |        |       | AD Scientific Index - 2023 Table VII C. Brazil Top 100 Last 5 Years H Index |  |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6          | 90      | 170    | 12070 | <a href="#">Anderson S Sant Ana</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Engineering &amp; Technology / Food Science and Engineering</a><br>Food Microbiology Food Safety Predictive Microbiology Risk Analysis Probiotics | 59      | 54          | 0.915               | 199       | 185         | 0.930               | 11219    | 9597        | 0.855               |
| 4          | 92      | 172    | 12216 | <a href="#">Vitor Oguri</a>   |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 122     | 53          | 0.434               | 333       | 165         | 0.495               | 85376    | 23324       | 0.273               |
| 5          | 95      | 177    | 12490 | <a href="#">Robson Augusto Souza Dos Santos</a>                             |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | Cardiovascular Physiology Renin-angiotensin system Angiotensin-(1-7) Cardiovascular System Hypertension angiotensin receptor                                  | 90      | 53          | 0.589               | 368       | 284         | 0.772               | 30228    | 12698       | 0.420               |
| 1          | 96      | 178    | 12524 | <a href="#">Angelo Antonio Agostinho</a>                                    |  Brazil   | <a href="#">Universidade Estadual de Maringá</a>                | <a href="#">Natural Sciences / Biological Science</a><br>Fish Ecology Fish Biology Conservation Biology Species introduction Floodplain Ecology               | 87      | 53          | 0.609               | 288       | 222         | 0.771               | 29063    | 12374       | 0.426               |
| 6          | 98      | 181    | 12703 | <a href="#">Silvia H Koller</a>   |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Social Sciences / Psychology</a><br>Psychology  | 77      | 53          | 0.688               | 304       | 229         | 0.753               | 24499    | 11046       | 0.451               |
| 27         | 94      | 176    | 12406 | <a href="#">Jean Paul Metzger</a>   |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Biological Science</a><br>Landscape Ecology Biological Conservation Fragmentation Connectivity Restoration Ecology             | 71      | 53          | 0.746               | 172       | 147         | 0.855               | 23605    | 13802       | 0.585               |
| 26         | 93      | 174    | 12288 | <a href="#">Alicia Matijasevich Manitto</a>                                 |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">MedicinMedicinFMP&amp;e!</a>  | 68      | 53          | 0.779               | 245       | 218         | 0.890               | 23141    | 17127       | 0.740               |
| 8          | 100     | 183    | 12846 | <a href="#">José Guilherme Cecatti</a>                                      |  Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Medical and Health Sciences / Obstetrics and Gynecology</a>   | 71      | 53          | 0.746               | 272       | 190         | 0.699               | 18332    | 10102       | 0.551               |
| 6          | 99      | 182    | 12841 | <a href="#">Saul Paiva</a>  |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>       | <a href="#">Medical and Health Sciences / Dentistry</a><br>Odontopediatria Epidemiologia Saúde Coletiva   | 70      | 53          | 0.757               | 297       | 257         | 0.865               | 15449    | 10143       | 0.657               |

| AD Scientific Index - 2023 Table VII C. Brazil Top 100 Last 5 Years H Index |         |        |       |                                       |  |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---------------------------------------|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name                                  | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 97      | 179    | 12563 | <a href="#">Felipe Barreto Schuch</a> |  Brazil | <a href="#">Universidade Federal de Santa Maria UFSM</a> | Exercício Depressão Qualidade de Vida Atividade física depression | 54      | 53          | 0.981               | 107       | 106         | 0.991               | 12631    | 12047       | 0.954               |


**Table VII D. Brazil Top 100 Total Citiation Index**






| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citiation Index |         |        |       |   |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|--|---------|--------|-------|---|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University   | Country | Region | World | Name  | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1  | 1       | 7      | 312   | <a href="#">Marco Leite</a><br>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias Instrumentação      | 183     | 149         | 0.814               | 784       | 727         | 0.927               | 204603   | 116111      | 0.567               |
| 1  | 2       | 8      | 331   | <a href="#">Gilvan Augusto Alves</a><br>  |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a> | <a href="#">Natural Sciences / Physics</a><br>Physics Particle Physics High Energy Physics | 197     | 139         | 0.706               | 1066      | 802         | 0.752               | 201081   | 98709       | 0.491               |
| 1  | 3       | 9      | 333   | <a href="#">Luiz Mundim</a><br>           |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>   | <a href="#">Natural Sciences / Physics</a><br>Física                                       | 200     | 147         | 0.735               | 1009      | 787         | 0.780               | 200816   | 104419      | 0.520               |

| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |  |  |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|--|--|--|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name                                       | Country  | University   | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 4       | 11     | 349   | <a href="#">Paulo A Lotufo</a>             |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia cardiovascular Epidemiologia do diabetes Biomarcadores Atenção Primária a Saúde | 100     | 89          | 0.890               | 390       | 318         | 0.815               | 197501   | 152487      | 0.772               |
| 2   | 5       | 13     | 405   | <a href="#">Maria Elena Pol</a>            |  Brazil   | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>        | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias   | 190     | 136         | 0.716               | 1004      | 656         | 0.653               | 188129   | 91663       | 0.487               |
| 1   | 6       | 15     | 474   | <a href="#">SF Novaes</a>                  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics Field Theory  | 189     | 139         | 0.735               | 965       | 757         | 0.784               | 179822   | 96215       | 0.535               |
| 1   | 7       | 16     | 485   | <a href="#">Eduardo De Moraes Gregores</a> |  Brazil   | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 188     | 139         | 0.739               | 933       | 749         | 0.803               | 178198   | 95432       | 0.536               |
| 2   | 8       | 17     | 492   | <a href="#">Andre Sznajder</a>             |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Experimental Particle Physics Higgs Physics and Vector Boson Scattering   | 190     | 142         | 0.747               | 941       | 743         | 0.790               | 177230   | 95878       | 0.541               |
| 3   | 9       | 18     | 585   | <a href="#">Marisilvia Donadelli</a>       |  Brazil  | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Physics</a><br>Higgs pair production b-tagging and tau physics.  | 180     | 146         | 0.811               | 751       | 706         | 0.940               | 166576   | 102014      | 0.612               |
| 2   | 10      | 20     | 592   | <a href="#">Pedro Galli Mercadante</a>     |  Brazil | <a href="#">Universidade Federal do ABC UFABC</a>                      | <a href="#">Natural Sciences / Physics</a><br>Física de altas energias  | 183     | 139         | 0.760               | 930       | 781         | 0.840               | 165844   | 93601       | 0.564               |
| 2   | 11      | 22     | 696   | <a href="#">Sandra Dos Santos Padula</a>   |  Brazil | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 192     | 145         | 0.755               | 914       | 847         | 0.927               | 155023   | 92818       | 0.599               |
| 3   | 12      | 23     | 800   | <a href="#">Dilson De Jesus Damião</a>     |  Brazil | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>          | <a href="#">Natural Sciences / Physics</a><br>Física Experimental de Altas Energias   | 171     | 135         | 0.789               | 659       | 628         | 0.953               | 145774   | 91755       | 0.629               |













| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |   |   |   | H INDEX   |       |             | i10 INDEX           |       |             | CITATION            |        |             |                     |
|---|---------|--------|-------|---|---|---|---|-------|-------------|---------------------|-------|-------------|---------------------|--------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University  | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total  | Last 5 year | Last 5 year / total |
| 1   | 13      | 27     | 976   | <a href="#">Antônio Carlos Gil</a><br>       | <br>Brazil   | <a href="#">Universidade Municipal de São Caetano do Sul USCS</a> | <a href="#">Business &amp; Management / Business Administration</a><br>administração psicologia sociologia filosofia              | 34    | 26          | 0.765               | 52    | 44          | 0.846               | 132550 | 66277       | 0.500               |
| 4   | 14      | 32     | 1103  | <a href="#">Paulo Andrade Lotufo</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>medicina interna epidemiologia                    | 99    | 88          | 0.889               | 388   | 318         | 0.820               | 125248 | 109844      | 0.877               |
| 1   | 15      | 38     | 1377  | <a href="#">Tonelli Manganote EJ</a>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>         | <a href="#">Natural Sciences / Physics</a><br>Física de Partículas e Campos   | 162   | 135         | 0.833               | 629   | 596         | 0.948               | 113381 | 80482       | 0.710               |
| 2   | 16      | 39     | 1394  | <a href="#">Jose Augusto Chinellato</a><br>  | <br>Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>         | <a href="#">Natural Sciences / Physics</a><br>particle physics cosmic rays  | 166   | 139         | 0.837               | 682   | 647         | 0.949               | 112801 | 82533       | 0.732               |
| 5   | 17      | 42     | 1497  | <a href="#">Itamar Santos *</a>   | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Clínica Médica</a>  | 60    | 58          | 0.967               | 157   | 151         | 0.962               | 108073 | 102606      | 0.949               |
| 6   | 18      | 44     | 1623  | <a href="#">Isabela Bensenor</a>  | <br>Brazil   | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiologia das doenças crônicas e dos sintomas | 91    | 83          | 0.912               | 375   | 322         | 0.859               | 103100 | 94648       | 0.918               |
| 1   | 19      | 45     | 1805  | <a href="#">Deborah Carvalho Malta</a><br> | <br>Brazil  | <a href="#">Universidade Federal de Minas Gerais UFMG</a>         | <a href="#">em Saúde Coletiva</a><br>saúde coletiva   | 111   | 94          | 0.847               | 654   | 594         | 0.908               | 97117  | 84948       | 0.875               |
| 1   | 20      | 47     | 1933  | <a href="#">Maria Inês Schmidt</a>  | <br>Brazil | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>   | <a href="#">UFRGS</a><br>Medicina Epidemiologia   | 106   | 75          | 0.708               | 284   | 234         | 0.824               | 94000  | 71689       | 0.763               |
| 7   | 21      | 48     | 1997  | <a href="#">Alexandre Alarcon Do Passo Suaide</a>   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>                     | <a href="#">Natural Sciences / Physics</a><br>física nuclear física de partículas tecnologia da informação                        | 166   | 113         | 0.681               | 553   | 494         | 0.893               | 92478  | 43124       | 0.466               |
























| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |  |  | H INDEX  |       |             | i10 INDEX           |       |             | CITATION            |       |             |                     |
|---|---------|--------|-------|--|--|--|--|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|
| University  | Country | Region | World | Name                                       | Country  | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 2   | 22      | 50     | 2041  | <a href="#">Bruce Bartholow Duncan</a>     |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology Diabetes Cardiovascular disease Obesity               | 112   | 76          | 0.679               | 310   | 251         | 0.810               | 91204 | 69824       | 0.766               |
| 3   | 23      | 52     | 2150  | <a href="#">Gustavo Gil da Silveira</a>    |  Brazil   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>            | <a href="#">Natural Sciences / Physics</a><br>hep-ex hep-ph  | 139   | 127         | 0.914               | 545   | 534         | 0.980               | 89020 | 70381       | 0.791               |
| 1   | 24      | 54     | 2200  | <a href="#">Murilo Santana Rangel</a>      |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Física de partículas   | 150   | 99          | 0.660               | 760   | 608         | 0.800               | 87942 | 44285       | 0.504               |
| 1   | 25      | 55     | 2244  | <a href="#">Carla Göbel</a>                |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio de Janeiro PUC-RIO</a> | <a href="#">Natural Sciences / Physics</a><br>Particle Physics   | 147   | 101         | 0.687               | 582   | 476         | 0.818               | 86995 | 46365       | 0.533               |
| 4   | 26      | 58     | 2342  | <a href="#">Vitor Oguri</a>                |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a>              | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias   | 122   | 53          | 0.434               | 333   | 165         | 0.495               | 85376 | 23324       | 0.273               |
| 1   | 27      | 59     | 2349  | <a href="#">Diego Augusto Santos Silva</a> |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | Kinesiology Physical Activity Epidemiology Body Composition Public Health  | 70    | 59          | 0.843               | 247   | 212         | 0.858               | 85221 | 79491       | 0.933               |
| 2   | 28      | 61     | 2447  | <a href="#">Leandro S De Paula</a>         |  Brazil | <a href="#">Universidade Federal do Rio de Janeiro</a>                     | <a href="#">Natural Sciences / Physics</a><br>Physics  | 134   | 94          | 0.701               | 660   | 461         | 0.698               | 83661 | 42513       | 0.508               |
| 2   | 29      | 63     | 2681  | <a href="#">Antonio Luiz P Ribeiro</a>     |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                  | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiology Chagas disease Electrocardiography Cardiovascular epidemiology Telemedicine | 75    | 62          | 0.827               | 376   | 284         | 0.755               | 79763 | 70161       | 0.880               |

| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |  |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|--|--|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 2   | 30      | 68     | 2956  | <a href="#">Ione Jayce Ceola Schneider</a>   |  Brazil   | <a href="#">Universidade Federal de Santa Catarina UFSC</a>   | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiology and Public Health        | 51      | 48          | 0.941               | 82        | 77          | 0.939               | 75927    | 70456       | 0.928               |
| 1   | 31      | 71     | 3232  | <a href="#">Pedro C Hallal</a><br>  |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>         | <a href="#">UniversidaPelotas</a><br>Physical activity epidemiology   | 106     | 68          | 0.642               | 461       | 371         | 0.805               | 72339    | 41292       | 0.571               |
| 3   | 32      | 72     | 3256  | <a href="#">Erica Polycarpo</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Natural Sciences / Physics</a><br>Física de Altas Energias  | 128     | 97          | 0.758               | 496       | 431         | 0.869               | 72091    | 42719       | 0.593               |
| 1   | 33      | 74     | 3828  | <a href="#">Odylio D Aguiar</a><br> |  Brazil   | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>     | <a href="#">Natural Sciences / Physics</a><br>Gravitational Wave Detection  | 84      | 78          | 0.929               | 183       | 163         | 0.891               | 66273    | 61010       | 0.921               |
| 5   | 34      | 75     | 3841  | <a href="#">Rosely Sichieri</a>  |  Brazil   | <a href="#">Universidade do Estado do Rio de Janeiro UERJ</a> | <a href="#">IMSUERJ</a>   | 76      | 47          | 0.618               | 277       | 185         | 0.668               | 66159    | 35398       | 0.535               |
| 4   | 35      | 76     | 3951  | <a href="#">Cédric Poterat</a>   |  Brazil  | <a href="#">Universidade Federal do Rio de Janeiro</a>        | <a href="#">Natural Sciences / Physics</a><br>Particle Physics  | 125     | 94          | 0.752               | 416       | 386         | 0.928               | 65388    | 39815       | 0.609               |
| 8   | 36      | 78     | 4121  | <a href="#">Carlos Augusto Monteiro</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                 | <a href="#">Medical and Health Sciences / Nutrition and Dietetics</a><br>Nutrition Public Health Diet Food processing | 119     | 84          | 0.706               | 387       | 244         | 0.630               | 64036    | 31481       | 0.492               |
| 2   | 37      | 79     | 4170  | <a href="#">Marcio Constancio Junior</a>   |  Brazil | <a href="#">Instituto Nacional de Pesquisas Espaciais</a>     | <a href="#">Natural Sciences / Physics</a><br>Ondas gravitacionais LIGO   | 81      | 76          | 0.938               | 135       | 135         | 1.000               | 63650    | 59353       | 0.932               |
| 3   | 38      | 81     | 4316  | <a href="#">Gustavo Velasquez Melendez</a>   |  Brazil | <a href="#">Universidade Federal de Minas Gerais UFMG</a>     | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia                         | 59      | 38          | 0.644               | 148       | 120         | 0.811               | 62170    | 53186       | 0.855               |










| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |  |  | H INDEX   |       |             | i10 INDEX           |       |             | CITATION            |       |             |                     |
|---|---------|--------|-------|--|--|--|---|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University   | Subject   | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |
| 2   | 39      | 85     | 4475  | <a href="#">Bernardo Horta</a>                   |  Brazil   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                  | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia   | 97    | 71          | 0.732               | 352   | 304         | 0.864               | 60980 | 41547       | 0.681               |
| 9   | 40      | 87     | 4626  | <a href="#">Paulo Artaxo</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Engineering &amp; Technology / Meteorology &amp; Atmospheric Sciences</a><br>Atmospheric aerosols Amazonia global climate change    | 114   | 72          | 0.632               | 419   | 325         | 0.776               | 59731 | 25281       | 0.423               |
| 10  | 41      | 88     | 4832  | <a href="#">Polanczyk GV</a>                     |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Medical and Health Sciences / Psychiatry</a><br>psiquiatria da infancia e adolescencia  | 56    | 45          | 0.804               | 129   | 109         | 0.845               | 58135 | 38159       | 0.656               |
| 11  | 42      | 94     | 5560  | <a href="#">Marco Bregant</a>                    |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                          | IFP   | 104   | 90          | 0.865               | 309   | 280         | 0.906               | 53489 | 31903       | 0.596               |
| 4   | 43      | 96     | 5621  | <a href="#">Ado Jorio</a>                        |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>              | <a href="#">Natural Sciences / Physics</a><br>nanoscience carbon Raman spectroscopy tip-enhanced Raman spectroscopy near-field optics           | 93    | 56          | 0.602               | 213   | 159         | 0.746               | 53063 | 20761       | 0.391               |
| 1   | 44      | 98     | 5817  | <a href="#">Sergio Tufik</a>                     |  Brazil   | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Social Sciences / Psychology</a><br>Sono Privação de Sono REM Distúrbios do Sono Sonolência e Acidente                              | 105   | 62          | 0.590               | 886   | 599         | 0.676               | 52027 | 24138       | 0.464               |
| 3   | 45      | 99     | 5831  | <a href="#">Alexandre Redson Soares Da Silva</a> |  Brazil  | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a> | <a href="#">nMedicinVeterináriFMVZcampusBotu</a><br>Diagnóstico por Imagem  | 90    | 70          | 0.778               | 234   | 183         | 0.782               | 51954 | 29507       | 0.568               |
| 2   | 46      | 101    | 5998  | <a href="#">Cleusa Pinheiro Ferri</a>            |  Brazil | <a href="#">Universidade Federal de São Paulo UNIFESP</a>              | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Demência Psiquiatria Envelhecimento Epidemiologia               | 64    | 46          | 0.719               | 136   | 112         | 0.824               | 51075 | 29182       | 0.571               |
| 1   | 47      | 103    | 6073  | <a href="#">Dermeval Saviani</a>                 |  Brazil | <a href="#">Universidade Federal do Espírito Santo</a>                 | <a href="#">Education / Education</a><br>Pedagogia. Filosofia da Educação. História da Educação.  | 74    | 56          | 0.757               | 192   | 142         | 0.740               | 50744 | 22561       | 0.445               |
| 12  | 48      | 105    | 6159  | <a href="#">Jeremy Squire</a>                    |  Brazil | <a href="#">Universidade de São Paulo USP</a>                          | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>PTEN prostate cancer tissue microenvironment TMPRSS2-ERG immune response | 97    | 45          | 0.464               | 330   | 181         | 0.548               | 50283 | 13207       | 0.263               |














| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |   |   |   |   | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|---|---|---|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University  | Subject   | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 49      | 106    | 6169  | <a href="#">Elson Longo</a><br>          | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de São Carlos</a>                      | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanotechnology Theoretical Chemistry Sensors Varistors Catalysis  | 103     | 58          | 0.563               | 996       | 584         | 0.586               | 50243    | 19848       | 0.395               |
| 4   | 50      | 108    | 6247  | <a href="#">Christian Kieling</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a>         | <a href="#">Medical and Health Sciences / Psychiatry</a><br>Psychiatry  | 51      | 41          | 0.804               | 96        | 88          | 0.917               | 49831    | 44617       | 0.895               |
| 3   | 51      | 111    | 6403  | <a href="#">Aluisio JD Barros</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade Federal de Pelotas UFPEL</a>                   | <a href="#">UniversidaPelotasBrasil</a><br>Health equity Lifecycle epidemiology   | 94      | 70          | 0.745               | 368       | 322         | 0.875               | 49126    | 33283       | 0.678               |
| 13  | 52      | 114    | 6812  | <a href="#">Jose Carlos Nicolau</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical</a><br>Medicine   | 78      | 60          | 0.769               | 222       | 154         | 0.694               | 47401    | 27801       | 0.587               |
| 1   | 53      | 115    | 6849  | <a href="#">Fernando C Barros</a><br>    | <br><a href="#">Brazil</a>   | <a href="#">Universidade Católica de Pelotas</a>                        | <a href="#">UCPEL - UFPEL</a><br>EPIDEMIOLOGIA  | 115     | 67          | 0.583               | 451       | 315         | 0.698               | 47246    | 20577       | 0.436               |
| 14  | 54      | 116    | 6851  | <a href="#">Alessandra Carvalho Goulart</a>   | <br><a href="#">Brazil</a>   | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>epidemiology cerebrovascular disease cardiovascular risk factors neuropsychiatric | 53      | 46          | 0.868               | 144       | 128         | 0.889               | 47237    | 45670       | 0.967               |
| 15  | 55      | 117    | 6875  | <a href="#">Houtan Noushmehr</a>  | <br><a href="#">Brazil</a>  | <a href="#">Universidade de São Paulo USP</a>                           | <a href="#">Natural Sciences / Molecular Biology &amp; Genetics</a><br>Bioinformatics Cancer Genomics Epigenomics Glioma  | 63      | 61          | 0.968               | 96        | 94          | 0.979               | 47139    | 38273       | 0.812               |
| 1   | 56      | 119    | 7265  | <a href="#">Dayane Gabriele Alves Silveira De Albuquerque *</a>   | <br><a href="#">Brazil</a> | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a> | <a href="#">StateRioJaneiro</a> “UNIRIO   | 25      | 25          | 1.000               | 27        | 27          | 1.000               | 45639    | 44661       | 0.979               |
| 1   | 57      | 121    | 7468  | <a href="#">Philip M Fearnside</a><br> | <br><a href="#">Brazil</a> | <a href="#">Instituto Nacional de Pesquisas da Amazonia</a>             | <a href="#">Natural Sciences / Biological Science</a><br>ecologia   | 108     | 66          | 0.611               | 445       | 267         | 0.600               | 44778    | 16831       | 0.376               |







| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |  |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|--|--|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country  | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 1   | 58      | 122    | 7586  | <a href="#">Marli André</a>  |  Brazil   | <a href="#">Pontificia Universidade Católica de São Paulo PUC-SP</a>        | Formação e política de formação docente  | 49      | 33          | 0.673               | 128       | 85          | 0.664               | 44182    | 17910       | 0.405               |
| 5   | 59      | 123    | 7775  | <a href="#">Wanderley Desouza</a>  |  Brazil   | <a href="#">Universidade Federal do Rio de Janeiro</a>                      | <a href="#">Medical and Health Sciences / Biophysics</a><br>Parasitology Cell Biology  | 81      | 42          | 0.519               | 719       | 336         | 0.467               | 43513    | 16571       | 0.381               |
| 5   | 60      | 124    | 7944  | <a href="#">Mauro Martins Teixeira</a>   |  Brazil   | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Medical and Health Sciences / Biochemistry</a><br>inflammation leukocyte recruitment infection anti-inflammatory drugs clinical trials | 102     | 65          | 0.637               | 584       | 443         | 0.759               | 43044    | 22372       | 0.520               |
| 1   | 61      | 125    | 7981  | <a href="#">Luiz Carlos Bresser Pereira</a><br> |  Brazil   | <a href="#">Fundação Getulio Vargas FGV</a>                                 | <a href="#">Economics &amp; Econometrics / Economics</a><br>Macroeconomics development macroeconomics social theory political theory               | 99      | 59          | 0.596               | 460       | 267         | 0.580               | 42910    | 15332       | 0.357               |
| 1   | 62      | 126    | 8357  | <a href="#">Eiji Tanaka</a><br>                 |  Brazil   | <a href="#">Pontificia Universidade Católica do Rio Grande do Sul PUCRS</a> |  | 95      | 48          | 0.505               | 657       | 384         | 0.584               | 41761    | 13838       | 0.331               |
| 16  | 63      | 128    | 8574  | <a href="#">Fernando De Queiroz Cunha</a>  |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Immunology</a><br>Translacional Research Inflammatory Diseases   | 105     | 58          | 0.552               | 529       | 398         | 0.752               | 41105    | 16067       | 0.391               |
| 3   | 64      | 130    | 8720  | <a href="#">Ronald Cintra Shellard</a>   |  Brazil | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>             | <a href="#">Natural Sciences / Physics</a><br>Physics Astrophysics Astronomy   | 95      | 51          | 0.537               | 327       | 132         | 0.404               | 40639    | 13528       | 0.333               |
| 1   | 65      | 131    | 9002  | <a href="#">Hans J Herrmann</a><br>           |  Brazil | <a href="#">Universidade Federal do Ceará</a>                               | <a href="#">PMMHESPCParis</a><br>Complex Systems Critical Phenomena Granular Matter Statistical Physics  | 106     | 51          | 0.481               | 585       | 321         | 0.549               | 39856    | 11628       | 0.292               |
| 17  | 66      | 132    | 9547  | <a href="#">Joao M Furtado *</a>   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Ophthalmology</a><br>ophthalmology   | 37      | 35          | 0.946               | 60        | 55          | 0.917               | 38422    | 37690       | 0.981               |

|            |         |        |       | AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |   |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|------------|---------|--------|-------|---|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University | Country | Region | World | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 3          | 67      | 134    | 9696  | <a href="#">Flavia Ribeiro Machado</a>                                      |    | <a href="#">Universidade Federal de São Paulo UNIFESP</a>       | <a href="#">Paulista Medicine</a><br>terapia intensiva   | 57      | 51          | 0.895               | 143       | 120         | 0.839               | 38068    | 29019       | 0.762               |
| 18         | 68      | 135    | 9833  | <a href="#">José Cipolla Neto</a>   |    | <a href="#">Universidade de São Paulo USP</a>                   | <a href="#">Medical and Health Sciences / Physiology</a><br>melatonina pineal endocrinologia neurofisiologia   | 50      | 34          | 0.680               | 131       | 92          | 0.702               | 37737    | 14455       | 0.383               |
| 5          | 69      | 138    | 9866  | <a href="#">Jairton Dupont</a>  |    | <a href="#">Universidade Federal do Rio Grande do Sul UFRGS</a> | <a href="#">Natural Sciences / Chemical Sciences</a><br>líquidos iônicos   | 89      | 47          | 0.528               | 329       | 248         | 0.754               | 37671    | 10103       | 0.268               |
| 1          | 70      | 139    | 9939  | <a href="#">Mauricio L. Barreto</a>   |    | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Senior Investigator, FIOCRUZ and Emeritus Professor, Federal University of Bahia - UFBA.br</a><br>Saúde Coletiva Public Health Social Epidemiology Health Inequalities Social Determinants of Health | 99      | 63          | 0.636               | 479       | 350         | 0.731               | 37502    | 18748       | 0.500               |
| 1          | 71      | 140    | 10049 | <a href="#">José F Siqueira Jr</a>  |    | <a href="#">Universidade Estácio de Sá</a>                      | <a href="#">Medical and Health Sciences / Endodontics</a><br>Endodontia Microbiologia Oral Odontologia Endodontics Dentistry   | 106     | 70          | 0.660               | 287       | 248         | 0.864               | 37262    | 16995       | 0.456               |
| 1          | 72      | 143    | 10296 | <a href="#">Marcio AG Maia</a>  |    | <a href="#">Observatorio Nacional</a>                           | <a href="#">Researcher Observatorio Nacional</a><br>Astronomy astrophysics cosmology   | 84      | 77          | 0.917               | 313       | 279         | 0.891               | 36745    | 29850       | 0.812               |
| 6          | 73      | 145    | 10631 | <a href="#">João Rt De Mello Neto</a>                                       |  | <a href="#">Universidade Federal do Rio de Janeiro</a>          | <a href="#">Natural Sciences / Physics</a><br>Astroparticles Neutrino Physics High Energy Physics  | 93      | 57          | 0.613               | 213       | 140         | 0.657               | 36020    | 13981       | 0.388               |
| 1          | 74      | 146    | 10685 | <a href="#">Rui Curi</a>  |  | <a href="#">Universidade Cruzeiro do Sul</a>                    | <a href="#">Medical and Health Sciences / Physiology</a><br>metabolism immune function nutrients   | 94      | 52          | 0.553               | 512       | 305         | 0.596               | 35921    | 14116       | 0.393               |
| 3          | 75      | 150    | 10840 | <a href="#">Nelson Durán</a>  |  | <a href="#">Universidade Estadual de Campinas UNICAMP</a>       | <a href="#">Natural Sciences / Chemical Sciences</a><br>Nanobiotechnology  | 92      | 64          | 0.696               | 406       | 239         | 0.589               | 35622    | 16210       | 0.455               |
| 2          | 76      | 151    | 10940 | <a href="#">Ricardo Gazzinelli</a>  |  | <a href="#">Fundação Oswaldo Cruz</a>                           | <a href="#">Fundação Oswaldo Cruz / Universidade Federal of Minas Gerais</a><br>immunology parasitology malaria  | 97      | 50          | 0.515               | 262       | 189         | 0.721               | 35408    | 9384        | 0.265               |



| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |   |   |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|---|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name  | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 19  | 77      | 154    | 11055 | <a href="#">Paulo Hilário Nascimento Saldiva</a>            |    | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Pathology</a>  | 92      | 58          | 0.630               | 530       | 344         | 0.649               | 35195    | 17570       | 0.499               |
| 6   | 78      | 155    | 11135 | <a href="#">Marcos A Pimenta</a>                            |    | <a href="#">Universidade Federal de Minas Gerais UFMG</a>                   | <a href="#">Natural Sciences / Physics</a><br>Condensed mater physics Raman spectroscopy nanotubes graphene                                      | 77      | 47          | 0.610               | 177       | 108         | 0.610               | 35036    | 14532       | 0.415               |
| 20  | 79      | 157    | 11227 | <a href="#">Luisa Lina Villa</a>                            |    | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Medical Oncology</a><br>câncer epidemiologia biologia molecular papilomavírus humano                   | 85      | 48          | 0.565               | 308       | 233         | 0.756               | 34846    | 9707        | 0.279               |
| 4   | 80      | 158    | 11264 | <a href="#">Ricardo Antunes</a>                             |    | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                   | <a href="#">Social Sciences / Sociology</a><br>Sociologia Sociologia do trabalho   | 61      | 45          | 0.738               | 146       | 110         | 0.753               | 34769    | 13779       | 0.396               |
| 1   | 81      | 160    | 11356 | <a href="#">Carlos Ricardo Soccol</a>                       |    | <a href="#">Universidade Federal do Paraná</a>                              | <a href="#">Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa</a><br>Biotechnology Solid-State Fermentation Microalgae Coffee Cocoa | 88      | 62          | 0.705               | 385       | 293         | 0.761               | 34589    | 17027       | 0.492               |
| 21  | 82      | 162    | 11722 | <a href="#">Carlos Roberto Ribeiro De Carvalho Carvalho</a> |    | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Medical and Health Sciences / Chest Diseases</a><br>Medicina Respiratória e Terapia Intensiva  | 63      | 43          | 0.683               | 333       | 197         | 0.592               | 33925    | 15258       | 0.450               |
| 22  | 83      | 163    | 11864 | <a href="#">Marcos Roberto Tovani Palone *</a>              |  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">AluPatologiMediciRibeirÃoPreto</a><br>Anomalias Craniofaciais Patologia Pediátrica Saúde Pública                                     | 36      | 36          | 1.000               | 66        | 56          | 0.848               | 33678    | 33389       | 0.991               |
| 23  | 84      | 167    | 11952 | <a href="#">Marcos Lima</a>                                 |  | <a href="#">Universidade de São Paulo USP</a>                               | <a href="#">Natural Sciences / Physics</a><br>Physics Astrophysics Cosmology   | 76      | 66          | 0.868               | 232       | 227         | 0.978               | 33517    | 23962       | 0.715               |
| 1   | 85      | 168    | 12075 | <a href="#">Francisco Rogerlândio Martins Melo</a>          |  | <a href="#">Instituto Federal de Educação Ciência e Tecnologia do Ceará</a> | Saúde Pública Epidemiologia Doenças Tropicais Negligenciadas Saúde Global Doenças Infecciosas e Parasitárias                                     | 43      | 41          | 0.953               | 73        | 73          | 1.000               | 33292    | 32772       | 0.984               |

| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |  |  |  |       |             |                     |       |             | H INDEX             |       |             | i10 INDEX           |  |  | CITATION |  |  |
|---|---------|--------|-------|--|--|--|--|-------|-------------|---------------------|-------|-------------|---------------------|-------|-------------|---------------------|--|--|----------|--|--|
| University  | Country | Region | World | Name   | Country  | University   | Subject  | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total | Total | Last 5 year | Last 5 year / total |  |  |          |  |  |
| 4   | 86      | 169    | 12125 | <a href="#">José Arana Varela</a>  |  Brazil   | <a href="#">Universidade Estadual Paulista Júlio de Mesquita Filho</a>     | <a href="#">Natural Sciences / Physics</a><br>Materials Science Ceramics Física Química  | 92    | 46          | 0.500               | 603   | 291         | 0.483               | 33202 | 10403       | 0.313               |  |  |          |  |  |
| 5   | 87      | 171    | 12339 | <a href="#">Carlos Ourivio Escobar</a>   |  Brazil   | <a href="#">Universidade Estadual de Campinas UNICAMP</a>                  | PARTICLE PHYSICS QUANTUM PHYSICS ASTROPARTICLOE PHYSICS ATOMIC PHYSICS MATHEMATICAL PHYSICS  | 90    | 59          | 0.656               | 241   | 156         | 0.647               | 32827 | 11755       | 0.358               |  |  |          |  |  |
| 1   | 88      | 172    | 12454 | <a href="#">Jose Carlos Libaneo</a><br>         |  Brazil   | <a href="#">Pontificia Universidade Catolica de Goiás PUC Goiás</a>        | <a href="#">PontificiGoiás</a><br>teorias da educação didática psicologia da educação organização escolar políticas públicas para a escola                     | 52    | 35          | 0.673               | 126   | 94          | 0.746               | 32671 | 15464       | 0.473               |  |  |          |  |  |
| 1   | 89      | 174    | 12567 | <a href="#">Alvaro A Cruz</a><br>               |  Brazil   | <a href="#">Universidade Federal da Bahia</a>                              | <a href="#">ProARBahi</a><br>asma rinite alérgica saúde pública  | 72    | 54          | 0.750               | 250   | 198         | 0.792               | 32493 | 16512       | 0.508               |  |  |          |  |  |
| 1   | 90      | 175    | 12614 | <a href="#">Paulo Sérgio Boggio</a>  |  Brazil   | <a href="#">Universidade Presbiteriana Mackenzie</a>                       | <a href="#">Social Sciences / Psychology</a><br>Neuroscience Cognition Psychology  | 75    | 58          | 0.773               | 144   | 132         | 0.917               | 32430 | 18231       | 0.562               |  |  |          |  |  |
| 24  | 91      | 176    | 12893 | <a href="#">Janaina Michele De Oliveira Silva</a>  |  Brazil   | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Social Sciences / Linguistics and Literature</a><br>Língua Portuguesa Mídia Análise do Discurso Linguística Educação.                              | 87    | 71          | 0.816               | 243   | 194         | 0.798               | 31918 | 20531       | 0.643               |  |  |          |  |  |
| 1   | 92      | 177    | 12896 | <a href="#">João Paulo Domingos Silva</a><br> |  Brazil | <a href="#">Pontificia Universidade Católica do Minas Gerais PUC MINAS</a> | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Artificial Intelligence   | 88    | 69          | 0.784               | 294   | 223         | 0.759               | 31910 | 19152       | 0.600               |  |  |          |  |  |
| 3   | 93      | 178    | 12967 | <a href="#">Joao Batista Calixto</a><br>      |  Brazil | <a href="#">Universidade Federal de Santa Catarina UFSC</a>                | <a href="#">Medical and Health Sciences / Pharmacy &amp; Pharmaceutical Sciences</a><br>farmacologia inflamacao dor produtos naturais                          | 94    | 49          | 0.521               | 394   | 214         | 0.543               | 31797 | 10012       | 0.315               |  |  |          |  |  |
| 25  | 94      | 179    | 13072 | <a href="#">Márcio Sommer Bittencourt</a><br>*   |  Brazil | <a href="#">Universidade de São Paulo USP</a>                              | <a href="#">Medical and Health Sciences / Cardiology</a><br>Cardiologia epidemiologia cardiovascular tomografia computadorizada cardíaca Imagem cardiovascular | 39    | 36          | 0.923               | 111   | 103         | 0.928               | 31671 | 30528       | 0.964               |  |  |          |  |  |

| AD Scientific Index - 2023 Table VII D. Brazil Top 100 Total Citation Index |         |        |       |  |   |   |  | H INDEX |             |                     | i10 INDEX |             |                     | CITATION |             |                     |
|---|---------|--------|-------|--|---|---|--|---------|-------------|---------------------|-----------|-------------|---------------------|----------|-------------|---------------------|
| University  | Country | Region | World | Name   | Country   | University  | Subject  | Total   | Last 5 year | Last 5 year / total | Total     | Last 5 year | Last 5 year / total | Total    | Last 5 year | Last 5 year / total |
| 6   | 95      | 180    | 13083 | <a href="#">Tuula Salo</a>                       | <br>Brazil | <a href="#">Universidade Estadual de Campinas UNICAMP</a> | <a href="#">Medical and Health Sciences / Dentistry</a><br>Patologia Oral  | 96      | 51          | 0.531               | 338       | 253         | 0.749               | 31653    | 10021       | 0.317               |
| 2   | 96      | 183    | 13383 | <a href="#">Marcos N Eberlin</a>                 | <br>Brazil | <a href="#">Universidade Presbiteriana Mackenzie</a>      | <a href="#">MackenziePresbyterianUniversityEngeneering</a><br>Mass Spectrometry (Bio)Chemistry and Origin of Life  | 84      | 50          | 0.595               | 638       | 404         | 0.633               | 31228    | 13334       | 0.427               |
| 26  | 97      | 184    | 13418 | <a href="#">Antonio Carlos Oliveira Da Silva</a> | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Natural Sciences / Physics</a><br>High Energy Physics  | 95      | 86          | 0.905               | 303       | 288         | 0.950               | 31180    | 24451       | 0.784               |
| 27  | 98      | 186    | 13572 | <a href="#">Marilena Chaui</a>                   | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">History, Philosophy, Theology / Philosophy</a><br>História da Filosofia Ética e Filosofia Política Metafísica Epistemologia Filosofia Brasileira | 47      | 30          | 0.638               | 79        | 52          | 0.658               | 30971    | 8595        | 0.278               |
| 28  | 99      | 187    | 13579 | <a href="#">Marcia Scazufca</a>                  | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Epidemiology and Public Health</a><br>Epidemiologia Psiquiátrica   | 53      | 35          | 0.660               | 111       | 90          | 0.811               | 30964    | 20944       | 0.676               |
| 29  | 100     | 188    | 13801 | <a href="#">Carlos G Carlotti Jr</a>             | <br>Brazil | <a href="#">Universidade de São Paulo USP</a>             | <a href="#">Medical and Health Sciences / Neurosurgery</a><br>neurocirurgia  | 61      | 50          | 0.820               | 156       | 124         | 0.795               | 30660    | 26150       | 0.853               |

## Table VII E. Brazil Top 100 Last 5 Years Citation Index

| AD Scientific Index - 2023 Table VII E. Brazil Top 100 Last 5 Years Citation Index |  |  |  |  |  |  |  | H INDEX |  |  | i10 INDEX |  |  | CITATION |  |  |
|--|--|--|--|--|--|--|--|---------|--|--|-----------|--|--|----------|--|--|
|--|--|--|--|--|--|--|--|---------|--|--|-----------|--|--|----------|--|--|

| AD Scientific Index - 2023 Table VII E. Brazil Top 100 Last 5 Years Citation Index |         |        |        |   |                        |   |   |       |                     | H INDEX             |       |                     | I10 INDEX |                     |                     | CITATION |  |  |
|--|---------|--------|--------|---|------------------------|---|---|-------|---------------------|---------------------|-------|---------------------|-----------|---------------------|---------------------|----------|--|--|
| University   | Country | Region | World  | Name  | Country                | University  | Subject   | Total | Last 5 year / total | Last 5 year / total | Total | Last 5 year / total | Total     | Last 5 year / total | Last 5 year / total |          |  |  |
| 1  | 30820   | 53017  | 832520 | <a href="#">Paulo Marcondes</a><br>              | <a href="#">Brazil</a> | <a href="#">Instituto Educater</a>  | <a href="#">Diretor, Instituto Educater</a><br>educação médica medical education educação em ciências da saúde ensino médico informática em saúde   | 10    | 8                   | 0.800               | 11    | 7                   | 0.636     | 302                 | 217                 | 0.719    |  |  |
| 1  | 23292   | 38526  | 670574 | <a href="#">Sandra Crestani</a><br>              | <a href="#">Brazil</a> | <a href="#">Instituto de Biologia Molecular do Paraná</a>                     | <a href="#">Pós-doutorando do Instituto de Biologia Molecular do Paraná</a><br>Pharmacology Cardiovascular and renal diseases Molecular and cellular Biology Diagnostic                       | 15    | 12                  | 0.800               | 16    | 15                  | 0.938     | 652                 | 385                 | 0.590    |  |  |
| 1  | 20409   | 33358  | 608933 | <a href="#">Carlos Américo Pacheco</a><br>       | <a href="#">Brazil</a> | <a href="#">Fundacao de Amparo a Pesquisa do Estado de Sao Paulo</a>          | <a href="#">Professor do IE/Unicamp</a><br>inovacao Politica Ciencia e Tecnologia Desenvolvimento Econômico desenvolvimento Regional economia industrial                                      | 18    | 13                  | 0.722               | 33    | 13                  | 0.394     | 1855                | 463                 | 0.250    |  |  |
| 1  | 912     | 1452   | 67995  | <a href="#">Rafael HM Pereira</a><br>            | <a href="#">Brazil</a> | <a href="#">Instituto de Pesquisa Econômica Aplicada</a>                      | <a href="#">Ipea - Institute for Applied Economic Research</a><br>Urban Mobility Transportation Equity Accessibility Cities Spatial data science  | 27    | 25                  | 0.926               | 52    | 44                  | 0.846     | 5146                | 4661                | 0.906    |  |  |
| 1  | 1099    | 1720   | 77857  | <a href="#">Marinez Ferreira de Siqueira</a><br> | <a href="#">Brazil</a> | <a href="#">Instituto de Pesquisas Jardim Botânico do Rio de Janeiro</a>      | <a href="#">Pesquisadora do Jardim Botânico do Rio de Janeiro</a><br>Ecologia Modelagem Preditiva Conservação Mudanças Climáticas   | 27    | 18                  | 0.667               | 46    | 35                  | 0.761     | 11554               | 4197                | 0.363    |  |  |
| 1  | 1245    | 1928   | 85164  | <a href="#">J. Eduardo Sousa</a><br>             | <a href="#">Brazil</a> | <a href="#">Instituto Dante Pazzanese de Cardiologia</a>                      | <a href="#">Diretor do Centro de Intervenções em Doenças Estruturais do Coração, Instituto Dante ...</a><br>Cardiologia Intervencionista  | 52    | 22                  | 0.423               | 166   | 50                  | 0.301     | 24451               | 3908                | 0.160    |  |  |
| 1  | 32379   | 56388  | 870778 | <a href="#">Luiz Antônio Félix Júnior</a><br>    | <a href="#">Brazil</a> | <a href="#">Instituto Federal de Educação Ciência e Tecnologia de Alagoas</a> | <a href="#">Instituto Federal de Alagoas</a><br>Contabilidade e Administração   | 5     | 5                   | 1.000               | 3     | 3                   | 1.000     | 182                 | 181                 | 0.995    |  |  |
| 1  | 15655   | 25000  | 498930 | <a href="#">Lino Rampazzo</a><br>                | <a href="#">Brazil</a> | <a href="#">Faculdade Canção Nova</a>   | <a href="#">CanããfoNova</a>   | 4     | 3                   | 0.750               | 3     | 2                   | 0.667     | 1459                | 635                 | 0.435    |  |  |
| 1  | 3939    | 5986   | 186437 | <a href="#">José Eustáquio Diniz Alves</a><br>   | <a href="#">Brazil</a> | <a href="#">Instituto Nacional de Medicina Genômica</a>                       | <a href="#">Professor da Escola Nacional de Ciências Estatísticas do IBGE</a><br>Demografia economia sociologia   | 32    | 21                  | 0.656               | 83    | 51                  | 0.614     | 3578                | 1970                | 0.551    |  |  |
| 1  | 29609   | 50511  | 804835 | <a href="#">Juliana Siqueira-Gay</a><br>         | <a href="#">Brazil</a> | <a href="#">Instituto Escolhas</a>  | <a href="#">Instituto Escolhas</a><br>Environmental Impact Assessment Environmental Planning GIS  | 8     | 8                   | 1.000               | 7     | 7                   | 1.000     | 245                 | 244                 | 0.996    |  |  |
| 1  | 8237    | 12668  | 312211 | <a href="#">Fabricio Lima Brasil</a><br>         | <a href="#">Brazil</a> | <a href="#">Intituto Santos Dumont</a>  | <a href="#">Pesquisador do Instituto Internacional de Neurociências Edmond e Lily Safra (IIN-ELS), do ...</a><br>Neuroengenharia Neurociências Interface cérebro-máquina Engenharia Biomédica | 10    | 10                  | 1.000               | 11    | 10                  | 0.909     | 1456                | 1152                | 0.791    |  |  |
| 1  | 24821   | 41391  | 702297 | <a href="#">Adilson Ricken Schuelter</a><br>     | <a href="#">Brazil</a> | <a href="#">Centro Universitário Dinâmica das Cataratas</a>                   | <a href="#">Centro Universitário Dinâmica das Cataratas</a><br>Genetics and Plant Breeding  | 13    | 10                  | 0.769               | 19    | 11                  | 0.579     | 837                 | 349                 | 0.417    |  |  |
| 1  | 5892    | 8967   | 246951 | <a href="#">Edna Maria Bonfim-Silva</a><br>     | <a href="#">Brazil</a> | <a href="#">Universidade Federal de Rondonópolis</a>                          | <a href="#">ufmt</a><br>Solos e Nutrição mineral de Plantas   | 22    | 17                  | 0.773               | 61    | 47                  | 0.770     | 2133                | 1488                | 0.698    |  |  |
| 1  | 925     | 1471   | 68957  | <a href="#">Guilherme Oliveira</a><br>         | <a href="#">Brazil</a> | <a href="#">Instituto Tecnológico Vale</a>                                    | <a href="#">Instituto Tecnológico Vale</a><br>bioinformatics computational biology biodiversity DNA barcodes metagenomics   | 44    | 32                  | 0.727               | 149   | 104                 | 0.698     | 8824                | 4611                | 0.523    |  |  |
| 1  | 17712   | 28573  | 548381 | <a href="#">Caderno Setorial ETENE</a><br>     | <a href="#">Brazil</a> | <a href="#">Banco do Nordeste do Brasil</a>                                   | <a href="#">Banco do Nordeste do Brasil S/A</a><br>Agricultura Pecuária Infraestrutura Indústria Comércio   | 15    | 12                  | 0.800               | 20    | 17                  | 0.850     | 606                 | 551                 | 0.909    |  |  |

|   |       |       |         |  |                        |  |  |     |     |       |      |     |       |        |       |       |
|---|-------|-------|---------|--|------------------------|--|--|-----|-----|-------|------|-----|-------|--------|-------|-------|
| 1 | 7     | 16    | 424     | <a href="#">Alves</a><br>   | <a href="#">Brazil</a> | <a href="#">Brazilian Center for Research in Physics (CBPF)</a>  | <a href="#">Physics Particle Physics High Energy Physics</a>   | 197 | 139 | 0.706 | 1066 | 802 | 0.752 | 201081 | 98709 | 0.491 |
| 1 | 23991 | 39827 | 684681  | <a href="#">Eduardo Shimoda</a><br>                                 | <a href="#">Brazil</a> | <a href="#">Universidade Candido Mendes Campos</a>   | <a href="#">UCAMCampos</a>   | 13  | 10  | 0.769 | 17   | 10  | 0.588 | 570    | 369   | 0.647 |
| 1 | 35938 | 68679 | 1017609 | <a href="#">Danielle Paganini Beduschi</a><br>                      | <a href="#">Brazil</a> | AD Scientific Index - 2023 Table VII E. Brazil Top 100 Last 5 Years<br><a href="#">Faculdade Paulista de Artes</a> | <a href="#">Index Citation Index<br/>Professora de Modelagem, Faculdade Paulista de Artes</a><br><a href="#">Moda Modelagem Moulage ensino </a>  | 3   | 3   | 1.000 | 0    | 0   | 0     | 21     | 18    | 0.857 |
| 1 | 23953 | 39759 | 683994  | <a href="#">Wilk Sampaio de Almeida</a><br>                         | <a href="#">Brazil</a> | <a href="#">Instituto Federal de Rondônia IFRO</a>   | <a href="#">Agriculture &amp; Forestry / Soil and Water Engineering and Conservation</a><br><a href="#">Soil and Water Management and Conservation Soil erosion Evapotranspiration Crop coefficients Irrigation </a> | 10  | 9   | 0.900 | 10   | 9   | 0.900 | 411    | 370   | 0.900 |
| 1 | 29699 | 50698 | 807017  | <a href="#">João Guilherme Cren Chiminazzo</a><br>                  | <a href="#">Brazil</a> | <a href="#">Centro Universitário de Jaguariúna</a>   | <a href="#">Professor de Educação Física</a><br><a href="#">Treinamento Esportivo Futebol Futsal Esportes de Raquete Tênis e Badminton </a>  | 9   | 8   | 0.889 | 8    | 6   | 0.750 | 305    | 242   | 0.793 |
| 1 | 4830  | 7314  | 213363  | <a href="#">Italla maria pinheiro bezerra</a><br>                   | <a href="#">Brazil</a> | <a href="#">Escola Superior de Ciências da Santa Casa de Misericórdia de Vitoria</a>                               | <a href="#">Escola Superior de Ciências da Santa Casa de Misericórdia</a><br><a href="#">saúde coletiva </a>   | 19  | 18  | 0.947 | 42   | 41  | 0.976 | 1872   | 1729  | 0.924 |
| 1 | 33145 | 58196 | 891693  | <a href="#">Carolina Schaper Bizzotto</a><br>                       | <a href="#">Brazil</a> | <a href="#">Centro Universitário UniFTC</a>  | <a href="#">UniFTC</a>   | 11  | 8   | 0.727 | 13   | 6   | 0.462 | 417    | 160   | 0.384 |
| 1 | 2349  | 3577  | 131813  | <a href="#">Clistenes Williams Araujo</a><br>                       | <a href="#">Brazil</a> | <a href="#">Universidade Federal Rural de Pernambuco UFRPE</a>   | <a href="#">UFRPE</a><br><a href="#">SOIL SCIENCE </a>   | 34  | 25  | 0.735 | 105  | 80  | 0.762 | 4680   | 2706  | 0.578 |
| 1 | 31    | 60    | 2146    | <a href="#">Dayane Gabriele Alves Silveira De Albuquerque *</a><br> | <a href="#">Brazil</a> | <a href="#">Universidade Federal do Estado do Rio de Janeiro UNIRIO</a>  | <a href="#">StateRioJaneiroâ€“UNIRIO</a>   | 25  | 25  | 1.000 | 27   | 27  | 1.000 | 45639  | 44661 | 0.979 |
| 1 | 11028 | 17178 | 386208  | <a href="#">Jose Marcal Jackson Filho</a><br>                       | <a href="#">Brazil</a> | <a href="#">Fundacentro</a>  | <a href="#">Pesquisador em Ergonomia e Prevenção de Acidentes</a><br><a href="#">Saúde do Trabalhador Análise e Prevenção de Acidentes Ergonomia Políticas Públicas </a>   | 17  | 14  | 0.824 | 31   | 24  | 0.774 | 1340   | 895   | 0.668 |
| 1 | 35629 | 66984 | 1000138 | <a href="#">Mara Cristine Kich</a><br>                              | <a href="#">Brazil</a> | <a href="#">Faculdades Borges de Mendonça</a>  | <a href="#">Professora de gestão. Unisul</a><br><a href="#">varejo franquia franchising indicadores financeiros. </a>  | 4   | 3   | 0.750 | 1    | 1   | 1.000 | 63     | 49    | 0.778 |
| 1 | 31887 | 55226 | 857158  | <a href="#">Caroline Hoffmann Bueno</a><br>                        | <a href="#">Brazil</a> | <a href="#">Faculdade Inedi Cesuca</a>   | <a href="#">Medical and Health Sciences / Dentistry</a><br><a href="#">Oral and Maxillofacial Surgery </a>   | 2   | 2   | 1.000 | 1    | 1   | 1.000 | 195    | 194   | 0.995 |
| 1 | 32253 | 56088 | 867110  | <a href="#">Adriano Carlos Moraes Rosa</a><br>                    | <a href="#">Brazil</a> | <a href="#">Faculdade de Tecnologia FATEC Guaratingueta</a>  | <a href="#">Professor de Administração Geral, FATEC Guaratinguetá</a><br><a href="#">educação tecnologia logística inovação </a>   | 10  | 7   | 0.700 | 10   | 6   | 0.600 | 295    | 184   | 0.624 |
| 1 | 35610 | 66886 | 999008  | <a href="#">George Kemil Abdalla</a><br>                          | <a href="#">Brazil</a> | <a href="#">Faculdade de Talentos Humanos FACTHUS</a>  | <a href="#">Diretor Acadêmico, FACTHUS</a><br><a href="#">Imunologia </a>  | 4   | 4   | 1.000 | 2    | 2   | 1.000 | 88     | 50    | 0.568 |
| 1 | 35683 | 67261 | 1003342 | <a href="#">Thomas Rabelo</a><br>                                 | <a href="#">Brazil</a> | <a href="#">Faculdade de Ciências Humanas e Exatas do Sertão do São Francisco</a>                                  | <a href="#">Professor de Ciência da Computação, FACAPE</a><br><a href="#">Inteligência artificial Engenharia de software Web semântica Ontologia </a>  | 4   | 3   | 0.750 | 2    | 2   | 1.000 | 62     | 44    | 0.710 |
| 1 | 29481 | 50260 | 801987  | <a href="#">Luis Henrique Soares</a><br>                          | <a href="#">Brazil</a> | <a href="#">Centro Universitário de Patos de Minas</a>   | <a href="#">Agriculture &amp; Forestry / Agriculture</a><br><a href="#">Agricultura </a>   | 7   | 7   | 1.000 | 7    | 6   | 0.857 | 251    | 247   | 0.984 |
| 1 | 29119 | 49551 | 794405  | <a href="#">Erico Da Silva Lima</a><br>                           | <a href="#">Brazil</a> | <a href="#">Centro Universitário Campo Limpo Paulista - Unifaccamp</a>   | <a href="#">Professor do Curso de Graduação em Medicina Veterinária na UNIFACCAMP</a><br><a href="#">Nutrição de ruminantes / Produção animal e vegetal sustentável </a>   | 12  | 9   | 0.750 | 13   | 8   | 0.615 | 391    | 254   | 0.650 |

|   |       |       |         |   |  |  |    |    |       |     |     |       |       |      |       |
|---|-------|-------|---------|---|--|--|----|----|-------|-----|-----|-------|-------|------|-------|
| 1 | 34672 | 62909 | 950667  | <a href="#">V. Figueiredo</a><br>                                | <a href="#">Centro Universitário Fundação Santo André</a>          | <a href="#">Santo André</a><br>Educação Ambiental Educação Científica Percepção Ambiental Ecoturismo-Unidades de Conservação   | 9  | 5  | 0.556 | 9   | 2   | 0.222 | 356   | 106  | 0.298 |
| 1 | 29957 | 51197 | 812223  | <a href="#">Renan Fangel</a><br>                                | <a href="#">Centro Universitário Euro Americano</a>                | <a href="#">Professor de Fisioterapia, Unieuro</a><br>Fisioterapia Reabilitação Reumatologia Dor   | 7  | 7  | 1.000 | 7   | 6   | 0.857 | 431   | 237  | 0.550 |
| 1 | 30489 | 52314 | 824822  | <a href="#">Elisa Brisola</a><br>                              | <a href="#">Centro Universitário do Sul de Minas - UNIS-MG</a>     | <a href="#">professora do Mestrado em Desenvolvimento Humano,UNITAU e do Mestrado em Gestão e Desenvolvimento</a><br>políticas sociais ética e direitos humanos serviço social   | 4  | 4  | 1.000 | 3   | 3   | 1.000 | 277   | 225  | 0.812 |
| 1 | 34381 | 61855 | 937134  | <a href="#">Alda Karoline Lima Da Silva</a><br>                | <a href="#">Centro Universitário do Rio Grande do Norte-UNI-RN</a> | <a href="#">Professora de Psicologia, Universidade Potiguar</a><br>Saúde Mental e Trabalho Gestão de Pessoas   | 10 | 6  | 0.600 | 10  | 4   | 0.400 | 262   | 118  | 0.450 |
| 1 | 28441 | 48254 | 779790  | <a href="#">Maria Geralda De Miranda</a><br>                   | <a href="#">Abeu: Centro Universitário e UNISUAM</a>               | <a href="#">Professor titular e pesquisador do Centro Universitário Augusto Motta - UNISUAM</a><br>Educação ambiental Justiça ambiental Literatura Africana Cultura Popular Teoria da Comunicação                        | 8  | 7  | 0.875 | 7   | 6   | 0.857 | 318   | 269  | 0.846 |
| 1 | 1279  | 1983  | 86951   | <a href="#">Jeane Almeida</a><br>                              | <a href="#">Universidade Federal do Tocantins UFT</a>              | <a href="#">NorteTocantins</a><br>Biologia Fisiologia e bioquímica comparada   | 15 | 10 | 0.667 | 19  | 12  | 0.632 | 6423  | 3843 | 0.598 |
| 1 | 360   | 602   | 34696   | <a href="#">Rogerio Menezes De Almeida</a><br>                 | <a href="#">Universidade Federal Fluminense</a>                    |  | 57 | 44 | 0.772 | 97  | 83  | 0.856 | 17024 | 7581 | 0.445 |
| 1 | 36147 | 69771 | 1025785 | <a href="#">Juan Carlos Juvêncio De Almeida</a><br>            | <a href="#">Faculdade de Tecnologia da Zona Leste FATEC</a>        | <a href="#">Estudante de Logística, Faculdade de Tecnologia da Zona Leste</a><br>Produção Simulação em Logística   | 0  | 0  | 0     | 0   | 0   | 0     | 0     | 0    | 0     |
| 1 | 18244 | 29496 | 560737  | <a href="#">Deise de Paula Oliveira Mesquita de Moraes</a><br> | <a href="#">Universidade Vale do Acaraú</a>                        | <a href="#">Psicóloga pela Universidade Ceuma, Pedagoga pela Universidade Vale do Acaraú. Pós graduada em Psicologia do Trânsito</a><br>psicologia saúde educação religião   | 13 | 11 | 0.846 | 21  | 15  | 0.714 | 894   | 532  | 0.595 |
| 1 | 1094  | 1713  | 77630   | <a href="#">Laécio Santos Cavalcante</a><br>                   | <a href="#">Universidade Estadual do Piauí UESPI</a>               | <a href="#">Pesquisador/Professor de Química, Universidade Estadual do Piauí, Centro de Ciências das Natureza</a><br>Synthesis Methods Structural Characterization Cluster Coordination Photoluminescence Photocatalysis | 60 | 41 | 0.683 | 124 | 100 | 0.806 | 8885  | 4205 | 0.473 |
| 1 | 3312  | 5004  | 165053  | <a href="#">Mariana Helena Chaves</a><br>                      | <a href="#">Universidade Federal do Piauí</a>                      | <a href="#">Professora de Química, Universidade Federal do Piauí</a><br>Química dos Produtos Naturais  | 37 | 23 | 0.622 | 86  | 67  | 0.779 | 4672  | 2208 | 0.473 |
| 1 | 34268 | 61471 | 932080  | <a href="#">Rubens Pessoa de Barros</a><br>                    | <a href="#">Universidade Estadual de Alagoas</a>                   | <a href="#">Professor da Universidade Estadual de Alagoas - Uneal</a><br>Etnobotânica Biologia do Solo Etnobiologia Farmácia viva Horta Escolar.   | 6  | 5  | 0.833 | 2   | 2   | 1.000 | 184   | 123  | 0.668 |
| 1 | 35565 | 66645 | 996415  | <a href="#">Irena Penha Duprat</a><br>                         | <a href="#">Universidade de Ciências da Saúde de Alagoas</a>       | <a href="#">Professora da Universidade de Ciências da Saúde de Alagoas</a>   | 3  | 3  | 1.000 | 1   | 1   | 1.000 | 55    | 54   | 0.982 |
| 1 | 6591  | 10048 | 267697  | <a href="#">Susana Morimoto</a><br>                            | <a href="#">Universidade Ibirapuera</a>                            | <a href="#">Profa. Dra. do Mestrado- Coordenadora da Pós Graduação- UNIB</a><br>Odontologia Dentística   | 17 | 16 | 0.941 | 19  | 18  | 0.947 | 1680  | 1366 | 0.813 |
| 1 | 36043 | 69238 | 1022135 | <a href="#">Ludimila Caliman Campos</a><br>                   | <a href="#">Faculdade de Ensino Superior de Linhares</a>           | <a href="#">Professora de História na Faculdade de Ensino Superior de Linhares</a><br>História Antropologia Arqueologia Religião Artes   | 2  | 2  | 1.000 | 0   | 0   | 0     | 11    | 8    | 0.727 |
| 1 | 35402 | 65730 | 985837  | <a href="#">Leticia Nunes de Almeida</a><br>                 | <a href="#">Faculdade União de Goyazes</a>                         | <a href="#">Medical and Health Sciences / Dentistry</a><br>Dentística materiais dentários  | 4  | 4  | 1.000 | 4   | 4   | 1.000 | 78    | 67   | 0.859 |



|   |       |       |         |   |   |   |    |    |       |    |    |       |      |      |       |
|---|-------|-------|---------|---|---|---|----|----|-------|----|----|-------|------|------|-------|
| 1 | 35754 | 67620 | 1007420 | <a href="#">Chrislayne Oliveira da Silva</a><br>       | <a href="#">Centro Universitário de Ciências e Tecnologia do Maranhão-UNIFACEMA</a> | <a href="#">Graduação em Enfermagem pelo Centro Universitário de Ciências e Tecnologia do Maranhão- UNIFACEMA</a>   | 3  | 3  | 1.000 | 0  | 0  | 0     | 38   | 38   | 1.000 |
| 1 | 35755 | 67636 | 1007608 | <a href="#">Mara de Souza Leal</a><br>               | <a href="#">Faculdade Calafiori</a>   | <a href="#">Professora de Psicologia, Faculdade Calafiori</a><br>socioemocional orientação profissional avaliação intervenção   | 5  | 4  | 0.800 | 2  | 1  | 0.500 | 69   | 37   | 0.536 |
| 1 | 33567 | 59303 | 905069  | <a href="#">Cláudia Ramos de Souza Bonfim</a><br>    | <a href="#">Faculdade Dom Bosco</a>   | <a href="#">Coordenadora Pedagógica Faculdade Dom Bosco</a><br>Educação Sexual Educação Sexualidade   | 7  | 6  | 0.857 | 6  | 4  | 0.667 | 243  | 148  | 0.609 |
| 1 | 32374 | 56370 | 870518  | <a href="#">Victor Magalhães Curty</a><br>           | <a href="#">Faculdade Santo Antônio de Pádua</a>                                    | <a href="#">Docente no ensino superior, Faculdade Santo Antônio de Pádua.</a><br>Fisiologia do exercício Bioengenharia Fisiologia Humana e Biomecânica dos esportes.                    | 8  | 6  | 0.750 | 7  | 6  | 0.857 | 330  | 181  | 0.548 |
| 1 | 35992 | 68989 | 1020179 | <a href="#">Rogerio Guaraci dos Santos</a><br>       | <a href="#">Faculdade Santo Antônio de Alagoinhas</a>                               | <a href="#">Engineering &amp; Technology / Computer Science</a><br>Openflow Web Caching Gestão Estratégica  | 2  | 1  | 0.500 | 1  | 1  | 1.000 | 30   | 13   | 0.433 |
| 1 | 36129 | 69677 | 1025220 | <a href="#">Vagner Santos</a><br>                    | <a href="#">Faculdade Santo Antônio</a>   | <a href="#">Faculdade Santo Antônio</a><br>História Cultural  | 1  | 1  | 1.000 | 0  | 0  | 0     | 1    | 1    | 1.000 |
| 1 | 36129 | 69677 | 1025220 | <a href="#">Dyllmar Alves de Sousa</a><br>           | <a href="#">Faculdade Adelar Rosado</a>   | <a href="#">Professor de Administração, Faculdade Adelar Rosado</a><br>Administração Marketing Música Cultura.  | 1  | 1  | 1.000 | 0  | 0  | 0     | 1    | 1    | 1.000 |
| 1 | 35608 | 66876 | 998891  | <a href="#">Janderson Castro dos Santos</a><br>      | <a href="#">Faculdade do Vale do Itapecuru FAI</a>                                  | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia saúde coletiva farmacologia   | 5  | 5  | 1.000 | 2  | 1  | 0.500 | 55   | 50   | 0.909 |
| 1 | 36047 | 69249 | 1022186 | <a href="#">Eduardo Chierrito</a><br>                | <a href="#">Centro Universitário Cidade Verde UniFCV</a>                            | Psicologia Sustentabilidade Psicologia Ambiental Psicologia Analítica Saúde Mental  | 2  | 2  | 1.000 | 0  | 0  | 0     | 8    | 8    | 1.000 |
| 1 | 13024 | 20539 | 436115  | <a href="#">Weverton Pereira Rodrigues</a><br>       | <a href="#">Universidade Estadual da Região Tocantina do Maranhão</a>               | <a href="#">Agriculture &amp; Forestry / Plant Science</a><br>Crop Physiology   | 15 | 15 | 1.000 | 25 | 23 | 0.920 | 811  | 765  | 0.943 |
| 1 | 36067 | 69352 | 1022917 | <a href="#">Karlinne Duarte</a><br>                  | <a href="#">Instituto Florence de Ensino Superior</a>                               | <a href="#">Medical and Health Sciences / Dentistry</a><br>Endodontia Saúde coletiva  | 2  | 2  | 1.000 | 0  | 0  | 0     | 8    | 6    | 0.750 |
| 1 | 36147 | 69771 | 1025785 | <a href="#">Messias Batista</a><br>                  | <a href="#">Faculdade de Ciências de Timbaúba</a>                                   | <a href="#">Professor de Gestão de Tecnologia da Informação, Faculdade de Ciências de Timbaúba</a><br>Data Science Data Mining Python   | 0  | 0  | 0     | 0  | 0  | 0     | 0    | 0    | 0     |
| 1 | 4989  | 7567  | 218885  | <a href="#">Sandra Maria Barbalho</a><br>          | <a href="#">Universidade de Marília UNIMAR</a>                                      | <a href="#">Medical and Health Sciences / Medical Biochemistry</a><br>Interdisciplinaridade entre doenças crônico degenerativas alimentos funcionais e plantas medicinais               | 26 | 23 | 0.885 | 57 | 52 | 0.912 | 2157 | 1684 | 0.781 |
| 1 | 35785 | 67801 | 1009266 | <a href="#">Paulo Guterres</a><br>                 | <a href="#">Faculdades Integradas São Judas Tadeu</a>                               | <a href="#">Faculdades Integradas São Judas Tadeu</a><br>Direito Paralegal Tecnologia Agile Coach Product Owner   | 1  | 1  | 1.000 | 1  | 1  | 1.000 | 35   | 35   | 1.000 |
| 1 | 4633  | 7020  | 207355  | <a href="#">Tadeu Gomes de Oliveira</a><br>        | <a href="#">Universidade Estadual do Maranhão UEMA</a>                              | <a href="#">Natural Sciences / Biological Science</a><br>Carnivore Ecology Conservation Biology Endangered Species Neotropical Mammals Species Interactions                             | 33 | 26 | 0.788 | 67 | 51 | 0.761 | 3514 | 1778 | 0.506 |
| 1 | 36096 | 69485 | 1023917 | <a href="#">Vinicius Tavano</a><br>                | <a href="#">Faculdade Paschoal Dantas</a>   | <a href="#">Professor do curso de Pedagogia da Faculdade Paschoal Dantas</a><br>Currículo e avaliação projetos educativos políticas públicas em educação gênero e sexualidade na escola | 1  | 1  | 1.000 | 0  | 0  | 0     | 4    | 4    | 1.000 |
| 1 | 35887 | 68406 | 1015219 | <a href="#">Tássio Ricelly Pinto de Farias</a><br> | <a href="#">Faculdade Evolução Alto Oeste Potiguar</a>                              | <a href="#">Social Sciences / Sociology</a><br>Filosofia Contemporânea Teoria Crítica da Sociedade  | 3  | 3  | 1.000 | 1  | 1  | 1.000 | 27   | 23   | 0.852 |

